

# Haryana Space Applications Centre (HARSAC) (Citizen Resources Information Department, Haryana) CCS Haryana Agricultural University Campus Hisar-125 004

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Advt. No. HARSAC/HSR/Recruitment/PP/2025/03

## APPLICATIONS ARE INVITED

Applications are invited from the eligible candidates for various technical posts on contractual basis under different projects. Details in this regard may be downloaded from HARSAC website www.harsac.org. The filled application form duly complete in all respects along with the self-attested photo copies of testimonials / certificates may be sent on email id: recruitharsac@outlook.com. Last date for receiving the application form on this e-mail will be 31.12.2025 (23:59 PM). The engagement in the projects will be purely on contractual basis and co-terminus with the project or earlier. It will not confer any right on the incumbent to any claim, implicit or explicit, on any post.

**Director, HARSAC** 

Table 1: Summary of various technical contractual posts

Post Name	Total	Remuneration /Salary /Emoluments*(in Rs. Per
rost Name	Number	Month)
	of Posts	(Month)
Technical Content Writer	01	Rs.90,000/-per month
Geospatial Officer (AI/ML)	04	The state of the s
RA-III (Image Analyst)	03	Rs.54000/-+ (8% at Hisar/16% at Gurugram) HRA per
RA-III (Meteorologist)	01	month
RA-III (IoT)	01	11101111
Application Lead	01	Rs.1,38,008/-per month
System Administrator	01	Rs.119,582/-per month
Senior Software Developer	02	Rs.76,150/-per month
GIS Developer	01	Rs.66,150/-per month
Software Developer	01	
Jr. GIS Developer	01	Rs.44,406/- per month
UI/UX Developer	02	Rs.40,000/-per month
DevOps Engineer	06	Rs.87,800/- per month
Security Analyst	03	Rs.40,000/-per month
Junior Electrical Engineer	01	Rs.31,000/-per month
Senior Technical Surveyor	05	Rs.48720/-per month
(DGPS CORS Network/UAV&	03	res. 10/20/ per monar
Drone)		
Team Lead	03	Rs.1,77,580/-per month
Solution Architect	03	Rs. 1,53,944/-per month
Cloud/Server Manager	03	Toni,5357 in per mondi
Quality Assurance Specialist	01	Rs.1,19,582/-per month
Geospatial Officer (Database)	03	Rs. 90,000/- per month
Geospatial Officer (Image)	01	Rs. 90,000/- per month
Scrum Master	01	Rs. 1,53,944/-per month
Legal and Technical	01	Rs.90,000/-per month
Documentation Specialist	01	Rs. 50,000/-per month
<del>-</del>	01	D 00 000/
Senior Geodetic Officer	01	Rs. 90,000/- per month
Communication Engineer	02	Rs.31,000/-per month
Geospatial Officer (Data & Image	01	
Services)	02	B = 00 000/ man manth
Geospatial Officer (IT or	02	Rs.90,000/-per month
Development GIS application		
Module)	0.1	
GIS Software Developer	01	
Geospatial Assistant (Survey)	02	
Geospatial Assistant (Quality	02	
Assurance and Standardization)	02	Pa 60 000/ par month
Geospatial Assistant (Coordination	02	Rs.60,000/-per month
& Support)	^6	
Geospatial Assistant (GIS	02	
Software Developer)		
Geospatial Assistant (Property	01	
and Land Record Management		
and Printing & Map Production)		
Database Administrator	01	Rs. 90,000/- per month
Frontend Software Developer	01	Rs. 66,150/- per month
Backend Software Developer	01	Rs. 66,150/- per month
•		-
Geospatial Assistant (Data	01	Rs. 60,000/- per month

Management & Processing)		
Project Fellow (PF)	01	Rs.25,000/-+(8% at Hisar/16% at Gurugram) HRA per month (Note: Revised SalaryRs.31,000/-P.M. plus HRA as applicable to NET/GATE Qualified Candidates).

Table 2: Project wise details of contractual posts

Post Name	Total Number of Posts	Remuneration /Salary /Emoluments*(in Rs. Per Month)
1.Time Series Mapping of Khar (TSMKRCH-GA)	if and Rab	i Crops of Haryana-A Geospatial Approach
1.1Technical Content Writer	01	Rs.90,000/-per month
1.2 Geospatial Officer (AI/ML)	01	
1.3 RA-III (Image Analyst)	01	
1.4 RA-III (Meteorologist)	01	Rs.54,000/-+ (8% at Hisar/16% at Gurugram) HRA
1.5 RA-III (IoT)	01	per month
2. Ease of Doing Business (EODI	 3)	
2.1 Application Lead	01	Rs.1,38,008/-per month
2.2 System Administrator	01	Rs.119,582/-per month
2.3 Senior Software Developer	01	Rs.76,150/-per month
2.4 GIS Developer	01	Rs.66,150/-per month
2.5 Software Developer	01	Thirds, 2007 per menun
2.6 Jr. GIS Developer	01	Rs. 44,406/- per month
2.7 UI/UX Developer	02	Rs.40,000/-per month
2.8 DevOps Engineer	01	Rs.87,800/- per month
2.9 Security Analyst	01	Rs.40,000/-per month
2.10 Junior Electrical Engineer	01	Rs.31,000/-per month
3. DGPS Surveying of Prospectiv	e Mining A	rea in parts of Haryana (DGPS-SPMAH)
3.1 Senior Technical Surveyor (DGPS CORS Network/UAV& Drone)	01	Rs.48,720/-per month
4. Haryana Digital Agriculture E	cosystem (	HDAE)
4.1 Team Lead	01	Rs.1,77,580/-per month
4.2 Solution Architect	01	Rs.1,53,944/-per month
4.3 Cloud/Server Manager	01	
4.4 Quality Assurance Specialist	01	Rs.1,19,582/-per month
4.5 Geospatial Officer (AI/ML)	01	Rs. 90,000/- per month
4.6 Geospatial Officer (Database)	01	, 11,
4.7 DevOps Engineer	01	Rs.87,800/-per month
4.8 RA-III (Image Analyst)	01	Rs.54,000/-+ (8% at Hisar/16% at Gurugram) HRA per month

4.9 Security Analyst	02	Rs.40,000/-per month
5. Haryana Geospatial AI-Compu	_	
5.1 Team Lead	01	Rs.1,77,580/-per month
5.2 Solution Architect	01	Rs1,53,944/-per month
5.3 Cloud/Server Manager	01	Rs1,53,944/-per month
5.4 Geospatial Officer (AI/ML)	01	161,00,711/ per monen
5.5 Geospatial Officer (Image)	01	Pa 00 000 / nor month
5.6 Geospatial Officer (Database)	01	Rs. 90,000/- per month
5.7DevOps Engineer	01	Rs.87,800/-per month
6. Interoperable Geo-intelligent		
6.1 Team Lead	01	Rs.1,77,580/-per month
6.2 Scrum Master	01	- , ,555, F5
6.3 Solution Architect	01	Rs.1,53,944/-per month
6.4 Cloud/Server Manager	01	
6.5 Geospatial Officer (AI/ML)	01	
6.6 Geospatial Officer (Image)	01	
6.7 Geospatial Officer (Database)	01	Pa 00 000 / non mostly
6.8 Legal and Technical	01	Rs.90,000/-per month
Documentation Specialist	01	
6.9 DevOps Engineer	01	Rs.87,800/-per month
6.10 RA-III (Image Analyst)	01	Rs.54000/-per Hohtii Rs.54000/-+ (8% at Hisar/16% at Gurugram) HRA
0.10 Idi ili (ililage Alialyst)	01	per month
7. CORS Network Data and Its Eq	uipment M	
7.1.Senior Geodetic Officer	01	Rs. 90,000/- per month
7.2.Senior Technical Surveyor	04	
(DGPS CORS Network/UAV &		Rs.48720/-per month
Drone		•
7.3 Communication Engineer	02	Rs.31,000/-per month
8. Sonipat Metropolitan Develop	ment Auth	, -
8.1GeospatialOfficer(Data &	01	-
Image Services)		Rs.90,000/-per month
8.2Geospatial Officer (IT or	01	
Development GIS application		
Module)		
8.3GIS Software Developer	01	
8.4GeospatialAssistant (Survey)	02	
8.5GeospatialAssistant (Quality	02	
Assurance and Standardization)	02	
8.6Geospatial Assistant	02	Rs.60,000/-per month
(Coordination & Support)	32	
8.7GeospatialAssistant(GIS	02	
Software Developer)	02	
8.8 Geospatial Assistant	01	
(Property and Land Record	01	
Management and Printing &		
map Production)		
	D Roade ir	n Haryana (Harpath Mahari Sadak) (GICT-
BMPWDRH-HMS)	ריי איט איט איט איט איט	i maryana (marpaun Manari Saudk) (GICI-
9.1 Geospatial officer (IT or	01	
Development GIS application		Rs. 90,000/- per month
Module)		1
9.2 Database Administrator	01	Rs. 90,000/- per month
Jie Database Hummisti atti	O I	Ta. 70,000 per month

9.3 DevOps Engineer	02	Rs. 87,800/- per month
9.4 Senior Software Developer	01	Rs. 76,150/- per month
9.5 Frontend Software Developer	01	Rs. 66,150/- per month
9.6 Backend Software Developer	01	Rs. 66,150/- per month
9.7 Geospatial Assistant (Data	01	Rs. 60,000/- per month
Management & Processing)		
9.8 Project Fellow (PF)	01	Rs.25,000/-+(8% at Hisar/16% at Gurugram) HRA per month
		(Note: Revised Salary Rs.31,000/-P.M plus HRA as applicable to NET/GATE Qualified Candidates).

 $<sup>{\</sup>it *Remuneration/Salary/Emoluments}\ is\ consolidated\ if\ HRA\ is\ not\ mentioned.$ 

Table 3: Post-wise Qualifications and Experience required

Sr. No	Name of Post	Sr. No. of Project and	Total no. of Post	Qualification
1	Geospatial Officer	Post 1.2, 4.5	02	Essential Qualification:
	(AI/ ML)			1st class Bachelor's Degree or 1st class Master's Degree in Computer Science and Engineering/IT/Data Science/AI-ML/ Geoinformatics/AgriculturalScience.Total5y ears of experience including 1 year in AI- ML/LLM.  OR PhD in Computer Science and Engineering/ IT/Data Science/AI-ML/ Geoinformatics/ Agricultural Science. Total 3years of experience including 1 year in AI-ML/LLM.
				Specialized Professional Experience (Desirable):  • Involvement in research projects or collaborations with agri-tech organizations/applications or government programs.
				AI/ML Certifications (e.g., Google Tensor Flow, AWS ML, Microsoft AI)
				Data Science Certifications (e.g., IBM, Coursera)
				HPC or cloud compute certifications (optional but useful)
				MachineL earning & Deep Learning
				• (e.g., CNNs, RNNs, Transformers)
				• Programming (Python, R, Tensor Flow, PyTorch)
				Cloud Computing(AWS, GCP, Azure)
				High-Performance Computing(HPC) & GPUusage
				Data Pipelines and Big Data tools (e.g.,

			Spark, Hadoop)  • GIS and Remote Sensing tools (e.g.,
			QGIS, ArcGIS, Google Earth Engine)
			Satellite data platforms (e.g., Sentinel, MODIS, Landsat)
			AI platforms and notebooks (e.g., Jupyter, Sage Maker, Colab)
	5.4	01	Essential Qualification:  1 <sup>st</sup> class Bachelor's Degree or 1 <sup>st</sup> class  Master's Degree in Computer Science/ Data Science/AI-ML /Electronics/ Electrical Engineering/IT/ Computational Engineering.  Total 5 years of experience including 1 year in AI-ML/LLM/GPU tuning.  OR  PhD in Computer Science/Data Science/ Artificial Intelligence- Machine Learning/Electronics/Electrical Engineering/Information Technology/ Computational Engineering. Total 3 years of Experience including 1 year in AI- ML/LLM/GPU tuning.
			Specialized Professional Experience (Desirable):  • Involvement in research projects or collaborations with IT organizations or government programs.
			GPU tuning
			AI/ML Certifications (e.g., Google Tensor Flow, AWS ML,
			Machine Learning & Deep Learning (e.g., CNNs, RNNs, Transformers)
			Programming (Python, R, Tensor Flow, PyTorch)
			Cloud Computing (AWS, GCP, Azure)
			High-Performance Computing (HPC) & GPU usage
			Data Pipelines and Big Data tools (e.g., Spark, Hadoop)
			GIS and Remote Sensing tools (e.g., QGIS, ArcGIS, Google
			AI platforms and notebooks (e.g., Jupyter, Sage Maker, Colab)
	6.5	01	Essential Qualification:
			1st class Bachelor's Degree or 1st class Master'sDegree in Computer Science Geoinformatics/UrbanStudies/Spatial Technology/Geology/Environmental Science.

				Total 5 years of experience including 1 year in AI- ML/LLM.  OR  PhD in Computer Science and Engineering/IT/Data Science/AI-ML/Geoinformatics/ Urban Studies/Spatial
				Technology/Geology/Environmental Science. Total 3 years of experience including 1 year in AI-ML/LLM.
				Specialized Professional Experience (Desirable):  • Involvement in research projects or collaborations with Transport/Urban organizations or government programs.
				AI/ML Certifications (e.g., Google Tensor Flow, AWS ML,
				HPC or cloud compute certifications (optional but useful)
				Machine Learning & Deep Learning (e.g., CNNs, RNNs, Transformers)
				Programming (Python, R, Tensor Flow, PyTorch)
				Cloud Computing (AWS, GCP, Azure)
				High-Performance Computing (HPC) & GPUusage
				Data Pipelines and BigData tools (e.g., Spark, Hadoop)
				GIS and Remote Sensing tools (e.g., QGIS, ArcGIS, Google
				AI platforms and notebooks (e.g., Jupyter, SageMaker, Colab)
2	RA-III (Image	1.3, 4.8,	02	Essential Qualification:
	Analytics)			1 <sup>st</sup> Class Master's Degree in Computer Science and Engineering/IT/Agricultural Science/Biological Science/Physical Science/Environmental Science/
				Geoinformatics with 5 years of experience and at least one research paper in SCI listed Journals.
				OR
				PhD in Computer Science and Engineering / IT/Agricultural Science/Biological Science/Physical Science/Environmental
				Science/Geoinformatics with 3 years of experience and at least one research paper in SCI listed Journals.
				Specialized Professional Experience (Desirable):
				AI/ML Certifications (e.g., Google

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		TensorFlow, AWS ML,
		Machine Learning & Deep Learning (e.g., CNNs, RNNs, Transformers)
		• Programming (Python, R, Tensor Flow, PyTorch)
		• Cloud Computing (AWS, GCP, Azure)
		High-Performance Computing (HPC) & GPU usage
		Data Pipelines and Big Data tools (e.g., Spark, Hadoop)
		GIS and Remote Sensing tools (e.g., QGIS, ArcGIS, GoogleEarth Engine) Satellite data platforms (e.g., Sentinel, MODIS, Landsat)
		AI platforms and notebooks (e.g., Jupyter, Sage Maker, Colab)
6.10	01	Essential Qualification:
0.10	01	1 <sup>st</sup> class Master's Degree in Computer Science and Engineering/IT/Urban Studies/ Physical Science/ Environmental Science/Geoinformatics with 5 years of experience and at least one research paper in SCI listed Journals.
		OR
		PhD in Computer Science and Engineering/IT/ Urban Studies/Physical Science/Environmental Science/ Geoinformatics with 3 years of experience and at least one research paper in SCI listed Journals.
		Specialized Professional Experience
		(Desirable):  • AI/ML Certifications (e.g.,Google TensorFlow, AWS ML, Microsoft Azure AI) Data Science Certifications (e.g., IBM, Coursera) HPC or cloud compute certifications (optional but useful)
		Machine Learning & Deep Learning (e.g.,CNNs, RNNs, Transformers)
		Programming (Python,R, TensorFlow, PyTorch)
		Cloud Computing (AWS, GCP, Azure)
		High-Performance Computing (HPC)& GPU usage
		Data Pipelines and Big Data tools (e.g., Spark, Hadoop)
		GIS and Remote Sensing tools (e.g., QGIS, ArcGIS, Google
		AI platforms and notebooks (e.g.,

				Jupyter, SageMaker, Colab)
3	RA-III	1.4	01	Essential Qualification:
	(Meteorologist)			1st Class Master's Degree in Remote Sensing/GIS/Geo-Informatics/ Geography/Geo-Sciences/ EnvironmentalScience/Forestry/ Agronomy/Agriculture/Computer Science/Agro-Meteorology/ Meteorology/Agro-Physics/Statistics/ /Mathematics from recognized University with 5-years experience in relevant field and at least one research paper in SCI listed Journals.  OR
				Doctorate in Remote Sensing & GIS (utilizing Optical/Microwave Remote Sensing)/ Geo-Informatics/Geography/ Geo-Sciences/ Environmental Science / Forestry / Agronomy / Agriculture /Computer Science / Agro- Meteorology/ Meteorology/ Agro-Physics/ Statistics/ Mathematics with use of Geo-spatial techniques in Ph.D. research work and 3- years of work experience in relevant field and at least one research paper in SCI listed Journals.
				Specialized Professional Experience (Desirable):
				Work experience in using optical/ microwave remote sensing data.
				Work experience in using remote sensing data.
				Work experience relevant to Artificial Intelligence/ Machine Learning (AI/ML), Agro- meteorology, Meteorology, Statistics
4	RA-III (IoT)	1.5	01	Essential Qualification:
				1 <sup>st</sup> class Master's Degree in IT/Computer Science and Engineering/Electronics
				OR
				PhD in Remote Sensing & GIS (utilizing Optical/Microwave Remote Sensing)/ Geo-Informatics/Geography/ Geo-Sciences/ Environmental Science/ Forestry / Agronomy / Agriculture /Computer Science/IT / Agro- Meteorology/ Meteorology/ Agro-Physics/ Statistics/ Mathematics with use of Geo-

				spatial techniques in Ph.D. research work and 3-years of work experience in relevant field and at least one research paper in SCI listed Journal.  Specialized work experience (Desirable):  Basic Knowledge of AVR, PIC, ARM, RASPBERRY PI are required.  Basic knowledge of working with different kind of Sensors.  Must be passionate for learning new technology.  Knowledgeable on TCP/IP Networking concepts and protocols.  Must have experience working independently on Linux systems.  Able to write software scripts such as Python/Perl, Linux scripting, Java Script, etc  Experience with software testing using Gitlab or similar environment.  Familiarity with concepts like fire walling,
				VPN/IPSEC, TLS, SNMP, PPP, NATetc. Familiarity with cellular technologies
5	Application Lead	2.1	01	such as 3G, 4G/LTE, 5G etc.  Essential Qualification:  1st class Bachelor's Degree or 1st class Master's Degree in Computer Science/ IT/ Geoinformatics/ Geography / Civil Engineering /Electronics and Communication Engineering from a recognized university or institution with at least 10 years of hands-on experience post bachelor's Degree and 8 years of hands-on experience post Master's Degree in software development and application customization including GIS applications.  Specialized work experience (Desirable):  Experience as a Developer, Tech Lead, or Module Lead  Experience managing full software lifecycle from design to deployment and support  Proficient in programming languages: .NET (C#), Python, Node.js.  Front end development using Angular, React, Vue.js, JavaScript, HTML5, CSS3.  Mobile app development for Android (Java/Kotlin) and iOS (Swift);

				familiarity with Flutter and React
				Native.
				<ul> <li>Backend and API development, Node.js, Express.js, and RESTful services.</li> </ul>
				<ul> <li>Strong database skills: SQL         (PostgreSQL, MySQL, Oracle, SQL         Server) and NoSQL (MongoDB,         Redis).</li> </ul>
				<ul> <li>Experience with GIS application integration: PostGIS, ArcGIS Server/Online, GeoServer, and spatial APIs.</li> </ul>
				• Integration of payment gateways
				<ul> <li>Familiarity with micro services architecture, modular design, and enterprise application architecture.</li> </ul>
				<ul> <li>Skilled in DevOps practices, including CI/CD pipelines, containerization (Docker), and testing frameworks.</li> </ul>
				<ul> <li>Proficient with version control systems such as Git,GitHub,GitLab.</li> </ul>
				<ul> <li>Preference will be given-Project         Management: PMP (Project         Management Professional),         PRINCE2.</li> </ul>
				Agile/Scrum: Certified Scrum Master (CSM), SAFe certifications.
				Technology certifications: Microsoft Azure Developer/Architect, AWS Developer/Architect, Esri GIS
6	System	2.2	01	Essential Qualification:
	Administrator			1 <sup>st</sup> class Bachelor's Degree or 1 <sup>st</sup> class Master's Degree in Computer Science/ IT/Geoinformatics from a university/ professional institution recognized by the Government with at least 8 years of hands- on experience post bachelor's Degree and 6
				years of hands-on experience post Master's Degree in software development and application customization including GIS applications.
				<ul> <li>Specialized work experience (Desirable):</li> <li>Experience managing enterprise IT infrastructure or data centers</li> </ul>
				<ul> <li>Familiarity with Systemdisaster recovery planning and execution</li> </ul>
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				Microsoft Certified: Windows
				Red Hat Certified System
				Administrator(RHCSA)
				AWS Certified Sys Ops     Administrator(forcloud- based roles)
				Operating Systems: Windows Server, Linux/Unix, macOS
				System monitoring and performance tuning
				Networking(TCP/IP,DNS, DHCP, firewalls)
				Shell scripting (Bash, PowerShell)
				Virtualization (VMware, Hyper-V, KVM)
				Configuration tools (e.g., Ansible, Puppet, Chef)
				Backup and recovery tools(e.g., Veeam, Acronis)
				Monitoring tools     (e.g.,Nagios,Zabbix,SolarWinds)
				Ticketing systems (e.g.,ServiceNow,Jira)
				Patch management and antivirus
				User access control and permission auditing
				Familiarity with cyber security best practices and compliance standards
7	Senior Software	2.3, 9.4	02	Essential Qualification:
	Developer			1st class Bachelor's Degree or 1st class Master's Degree in Computer Science / Computer Applications/IT/ Geoinformatics from a recognized university or institution with atleast 5 years of hands-on experience post Bachelor's Degree and 3 years of hands-on experience Post Master's Degree in software development and application customization including GIS applications.
				Specialized work experience (Desirable):  • Proficient in programming languages: .NET (C#), Python, Node.js.
				Strong front-end skill susing Angular, React, Vue.js, JavaScript, HTML5, CSS3.
				Experience in developing Web and RESTAPIs
				Using Node.js, .NET, and Express.js frame works.
				Knowledge of ASP.NET, SQL Server, PostgreSQL, and architectural design

	I	I		
				patterns.
				Skilled in API development, documentation, process flow mapping, and optimization of data exchange.
				Expertise in relational databases:     PostgreSQL, MySQL, Oracle, SQL     Server. Familiar with NoSQL databases:     MongoDB, Redis.
				Experience in developing GIS applications and integrating with spatial databases.
				Proficient in building location-tracking mobile app APIs and GIS-based dashboard visualizations.
				Ability to plan and design databases, implement efficient data models, and resolve complex bugs.
				Experienced in billing/payment workflows and integration with payment gateways.
				Worked on performance tuning and server response optimization in real-time data environments.
				Developed full-stack web applications and exposure to mobile app development and integration.
				Knowledge of spatial data standards and experience with PostGIS, anyGIS Server
				Capable of preparing and maintaining clean, modular, and reusable code across. NET and Node.js environments.
				Excellent skills in team handling, task delegation, and project monitoring.
8	GIS Developer	2.4	01	Essential Qualification:  1st class Bachelor's Degree or 1st class Master's Degree in Computer Science /Computer Applications/IT/AI- ML/DataScience/ Geoinformatics/ Remote and GIS from a recognized university or institution, with atleast 5 years of hands- on experience post Bachelor's Degree and 3 years of hands-on experience post Master's Degree in software development and application customization including GIS applications.  Specialized work experience (Desirable):  Proficiency in ArcGIS Platform (ArcGIS Pro, ArcMap, ArcGIS Enterprise,

				ArcGIS Online).
				·
				• Experience with ArcPy, ModelBuilder, and Python scripting for GIS automation.
				Strong knowledge of web GIS development using:
				JavaScript (ArcGIS API for JavaScript)
				HTML/CSS
				RESTAPIs and Geo Services
				Experience with spatial databases (PostGIS, SQL Server, or Oracle Spatial).
				Knowledge of version control systems like Git. Any relevant certification
9	Software Developer	2.5	01	Essential Qualification:
				1 <sup>st</sup> class Bachelor's Degree or 1 <sup>st</sup> class
				Master's Degree in Computer
				Science/Computer Applications/IT/AI-
				ML/Data Science/ Geoinformatics/
				Remote Sensing and GIS from a
				recognized university or institution, with
				at least 3 years of hands-on experience
				Post Bachelor's Degree and at least 1 year
				of hands-on experience Post Master's
				Degree in software development and application customization including GIS
				applications.
				Specialized work experience (Desirable):
				Proficiency in ArcGIS Platform     (ArcGISPro, ArcMap, ArcGIS Enterprise, ArcGIS Online).
				,
				<ul> <li>Experience with ArcPy, Model Builder, and Python scripting for GIS automation.</li> </ul>
				Strong knowledge of web GIS development using:
				JavaScript (ArcGISAPI for JavaScript)
				HTML/CSS
				RESTAPIsandGeoServices
				Experience with spatial databases (PostGIS, SQL Server, or Oracle Spatial).
				Knowledge of version control systems like Git. Any relevant certification.
10	Jr. GIS	2.6	01	EssentialQualification:
	Developer			1 <sup>st</sup> class Bachelor's Degree or 1 <sup>st</sup> class
				Master's Degree in Computer Science
				/Computer Applications/IT/AI-ML/Data
				Science/ Geoinformatics/Remote Sensing

11	III/IIY	2.7	02	and GIS from a recognized university or institution with at least 1 year of hands-on experience in software development and application customization including GIS applications.  Specialized work experience (Desirable):  • Knowledge of APIs and Frameworks.  • Familiar with programming languages such as Java, Experience in Advance Python. C#, JavaScript, or Node.js.  • Basicknowledgeofwebtechnologies: HTML5, CSS3, Bootstrap, JavaScript.  • Strong Concept of Data structure and OOPS  • Exposure to frontend frameworks like React, Angular, or Vue.js  • Understanding of backend development using  • .NET, JavaSpringBoot, or Node.js.  • Experience in working with databases: SQL (MySQL, PostgreSQL, SQL Server) and basic understanding of NoSQL (MongoDB).  • Familiar with RESTful APIs, web services, and basic HTTP methods.  • Experience using Git and platforms like GitHub or GitLab for version control.  • .Online GIS certifications (e.g., Coursera, Udemy, edX)  • Optional: Python programming certificates (e.g., PCAP)
11	UI/UX Developer	2.7	02	Essential Qualification:  1st class Bachelor's Degree or 1st class Master's Degree in Computer Science  /Computer Applications/ IT/AI-ML/Data Science/ Geoinformatics from a university/ professional institution recognized by the Government with at least 1 year of hands-on Experience in industry standard web design frameworks and application customization including GIS applications.  Specialized work experience (Desirable):  • 3 years' experience in UI/UX design

				projects
				Portfolio of design work showing UX process and visual design
				Internship or freelance experience in digital product or web/mobile design
				• Wire framing & Prototyping: Figma,
				Visual Design: Photoshop, Illustrator, Canva
				Responsive & Mobile-first Design Principles
				Design Systems and Style Guides
				Google UX Design Certificate
				Nielsen Norman Group UX Certification
				Adobe Certified Professional
				Basic HTML/CSS/Java Script knowledge (aplus, not mandatory)
				Collaboration tools: Miro, Notion, Trello, Jira
12	DevOps Engineer	2.8,4.7,	06	EssentialQualification:
		5.7.,6.9, 9.3		1st class Bachelor's Degree or 1st class Master's Degree in Computer Science/IT/AI-ML/Data Science/Geoinformatics from a university/professional institution recognized by the Government with at least 3 years of hands-on experience in software development and application customization including DevOps specialization.
				<ul> <li>Specialized work experience (Desirable):</li> <li>Linux (Ubuntu, CentOS, Red Hat),         Windows Server, Bash, Python,         PowerShell, Jenkins, GitLab CI/CD,         CircleCI, Git (GitHub, GitLab,         Bitbucket), Docker, Podman,         Kubernetes, Helm, Terraform, Ansible,         CloudFormation, AWS, Azure, GCP,         Prometheus, Grafana, ELK Stack,         Datadog, AWS Certified DevOps         Engineer—Professional Certified         Kubernetes Administrator (CKA),         Microsoft Certified: DevOps Engineer         Expert, Docker Certified Associate</li> <li>Design and maintain automated CI/CD         pipelines for seamless code integration         and deployment</li> <li>Implement monitoring and alerting         systems for high availability and         performance optimization.</li> </ul>

13	Security Analyst	2.9, 4.9	03	Automate routine infrastructure tasks to improve system reliability and speed of delivery.      Collaborate with development and QA teams to support smooth software delivery.      Ensure security compliance and manage secrets and credentials securely.  Essential Qualification:  1st class Bachelor's Degree in IT/Computer Science and Engineering/Computer Applications/ Electronics & Communication from any university/Professional Institution recognized by Governmentwith 1 years of relevant experience  OR  1st class MCA OR 1st class M.E./M.Tech in IT/CSE/ Electronics & Communication/Computer Applications from any university/Professional Institution
13	Security Analyst	2.9, 4.9	03	1st class Bachelor's Degree in IT/Computer
				Computer Applications/ Electronics & Communication from any university/ Professional Institution recognized by Governmentwith1yearsofrelevantexperience
				IT/CSE/ Electronics & Communication/ Computer Applications from any
				university/Professional Institution recognized by Government.
				Specialized work experience (Desirable):
				Monitoring systems forthreats, intrusion detection/prevention (IDS/IPS), log analysis
				<ul> <li>Security Information and Event Management (SIEM)</li> </ul>
				• Vulnerability Assessment &
				Penetration Testing: Nessus, Open VAS, Metasploit
				• Incident Response & Forensics: Handling real- time security incidents, root cause analysis,
				incident documentation
				Risk Assessment & Compliance:     Knowledge of
				<ul> <li>ISO27001, NIST, GDPR, and SOC2</li> <li>Endpoint Security &amp; Antivirus:         Crowd Strike, Symantec, McAfee,     </li> </ul>
				<ul> <li>Windows Defender ATP</li> <li>Configuration and monitoring of firewalls, VPNs, and network</li> </ul>
				segmentation  • AWS/Azure/GCP security features
				and best practices  Scripting & Automation: Basic
				scripting with
				<ul> <li>Python, Power Shell, or Bash</li> <li>Identity and Access Management (IAM), Single Sign-On (SSO), Multi-Factor Authentication (MFA)</li> </ul>
				Certifications (preferred but not mandatory)

				<ul> <li>CompTIA Security+</li> <li>Certified Ethical Hacker (CEH)</li> <li>Certified Information Systems Security Professional (CISSP)</li> <li>MicrosoftSC-200, AWS Security Specialty, or</li> <li>GIAC certifications</li> </ul>
14	TeamLead	4.1,5.1, 6.1	03	Essential Qualification:  1st class Bachelor's Degree or 1st class Master's Degree in Geoinformatics/ GIS & Remote Sensing/ Geography/Computer Science/Computer Applications/ Information Technology/Civil Engineering/ Environmental Engineering/ Environmental Specialized work experience (Desirable):  • Prior role sas Developer, System Engineer, or Tech Lead  • Experience in designing and implementing end-to-end solutions  • AWS Certified Solutions Architect (Associate/Professional)  • Microsoft Certified: Azure Solutions Architect Expert  • Google Cloud Professional Cloud Architect  • TOGAF (for enterprise architecture)  • Cloud Platforms (AWS, Azure, GCP) Networking &  • Security Application & System Integration Database Management (SQL/NoSQL) DevOpstools&CI/CDpipelines API Management  • Architecture modeling tools (e.g., ArchiMate, Visio)  • Project management tools (e.g., JIRA, Confluence)  • Monitoring & logging tools (e.g., Cloud Watch, Prometheus)
15	Solution Architect	4.2, 5.2, 6.3	03	EssentialQualification:  1 <sup>st</sup> class Bachelor's Degree or 1 <sup>st</sup> class Master's Degree in Geoinformatics/ GIS & Remote Sensing/ Geography/ Computer Science/ Computer Applications/ Information Technology/ Civil Engineering/ Environmental Engineering/ Environmental Science/Urban/ Regional Planning from a university/ professional institution recognized by the Government with at least 10 years of hands- on experience in software development and application customization including GIS applications.

				<ul> <li>Specialized work experience (Desirable):</li> <li>Prior roles as Developer, System Engineer, or Tech Lead.</li> <li>Experience in designing and implementing end- to-end solutions.</li> <li>AWS Certified Solutions Architect (Associate/Professional)</li> <li>Microsoft Certified: Azure Solutions Architect Expert</li> <li>Google Cloud Professional Cloud Architect</li> <li>TOGAF (for enterprise architecture)</li> <li>Cloud Platforms (AWS, Azure, GCP) Networking &amp; Security Application &amp; System Integration Database Management (SQL/NoSQL) DevOps tools &amp; CI/CD pipelines API Management</li> <li>Architecture modeling tools (e.g., ArchiMate, Visio)</li> <li>Project management tools (e.g., JIRA, Confluence)</li> <li>Monitoring &amp; logging tools (e.g., CloudWatch, Prometheus)</li> </ul>
16	Cloud/Server Manager	4.3,5.3, 6.4	03	Essential Qualification:  1st class Bachelor's Degree or1st class Master's Degree in Geoinformatics/ GIS & Remote Sensing/ Geography/ Computer Science/ Computer Applications/ Information Technology/ Civil Engineering/ Environmental Engineering/ Environmental Science/ Urban/ Regional Planning from a university/professional institution recognized by the Government with at least 10 years of experience in Cloud/Server management  Specialized work experience (Desirable):  Prior roles as cloud, System Engineer, or Tech Lead  Experience in designing and implementing end-to-end solutions  AWS Certified Solutions Architect (Associate/Professional)  Microsoft Certified: Azure Solutions Architect Expert  Google Cloud Professional Cloud Architect  TOGAF (for enterprise architecture)  Cloud Platforms (AWS, Azure, GCP)

				Networking & Security Application & System Integration Database Management (SQL/NoSQL) DevOps tools & CI/CDpipelines API Management  • Architecture modeling tools (e.g., ArchiMate, Visio)  • Project management tools(e.g., JIRA, Confluence)  • Monitoring & logging tools (e.g., Cloud Watch, Prometheus)
17	Geospatial Officer (Image)	5.5,6.6,	02	Essential Qualification:  1st class Bachelor's Degree or 1st class Master's Degree in Computer Science/ Data Science/AI- ML/Agricultural Science/ Biological Science/Physical Science/ Environmental Science/ Geoinformatics with 5 years of experience in Geospatial technologies or related fields.  OR  PhD in Computer Science/Data Science/ AI- ML/ Agricultural Science/Biological Science/Physical Science/Environmental Science/Geoinformatics with 3 years of experience in Geospatial technologies or related fields  Specialized work experience (Desirable):  Specialized work experience (Desirable):  Specialization in Agricultural Science, Remote Sensing, or Geospatial Analysis  Prior involvement in research projects or collaborations with agri-tech organizations or government programs  AI/ML Certifications (e.g., Google TensorFlow, AWS ML,  Machine Learning & Deep Learning (e.g., CNNs, RNNs, Transformers)  Programming (Python, R, TensorFlow, PyTorch)  Cloud Computing (AWS, GCP, Azure)  High-Performance Computing (HPC) & GPU usage  Data Pipelines and Big Datatools (e.g., Spark, Hadoop)  GIS and Remote Sensing tools (e.g., Spark, Hadoop)

				MODIS, Landsat).
				AI platforms and notebooks (e.g.,
				Jupyter, SageMaker, Colab)
18	Geospatial Officer	4.6,5.6,	03	Essential Qualification:
	(Database)	6.7		1st class Bachelor's Degree in Computer Science and Engineering/ Technology/ GIS/Computer Science/Computer Applications/ GIS/ Geoinformatics with 7 years of experience in Database management
				OR
				1st class Master's Degree in Computer Science and Engineering/ Information Technology/ Computer Applications/ Civil Engineering/Environmental Engineering/ Environmental Science/ Urban/Regional Planning with PG Diploma in RS/GIS/ Geoinformatics from any university/ Professional Institution recognized by Government with 5 years of experience in Database management.
				OR
				PhD in Computer Science/ Computer Applications/Data Science/AI-ML/ Agricultural Science/ Biological Science/ Physical Science/Environmental Science/ Geoinformatics with 3 years of experience in Database management.
				Specialized work experience (Desirable):
				<ul> <li>Experience in Spatial Database Administration, Spatial Database Management Software Packages</li> </ul>
				Worked on databases likes SQL server, PostgreSQL etc. <b>Spatial Database</b> Management: PostgreSQL/PostGIS, Oracle Spatial, MS SQL Server with spatial extensions
				GIS Platforms: ArcGIS (Enterprise, Pro, Desktop), QGIS, Geo Server
				Data Integration & ETL: FME, Python scripting (ArcPy), Model Builder, SQL- based ETL
				Geodatabase Design: Schema development, topology rules, versioning, domains, subtypes
				Spatial Data Quality Control: Accuracy checks, topology validation, geometry correction, data lineage

20	Geospatial Officer (Data& Image	8.1	01	<ul> <li>Drone mapping &amp; photogrammetry:         Pix4D, Drone Deploy, Agisoft         Metashape</li> <li>GIS &amp; CAD: ArcGIS/QGIS, AutoCAD         Civil3D, Global Mapper</li> <li>EssentialQualification:</li> </ul>
				Theodolite, and AutoLevel  Survey software: Trimble Business Center, Leica Geo Office, MAGNET, Topcon Tools
				<ul> <li>Data collection, post-processing, and accuracy analysis</li> <li>Use of Total Station, Electronic</li> </ul>
				UAV/Drone handling, mission planning, and flight operations (fixed-wing/multi- rotor)
				Operation of DGPS, RTK GNSS, and CORS-based surveying equipment
				CORS Network operation training
				UAV/Drone Pilot Certification from DGCA (India) or other national aviation authorities
				with 2 years of experience Specialized work experience (Desirable):  • DGPS Survey Training from recognized institutions
				OR  1 <sup>st</sup> class Master's Degree in Geoinformatics/Remote Sensing and GIS
	Network/UAV & Drone)			Engineering/Geoinformatics, with 3 years of experience
	Surveyor (DGPS CORS			1 <sup>st</sup> class Bachelor's Degree in Geomatics/Surveying Engineering/Civil
19	Senior Technical	3.1, 7.2	05	• Database Tuning  EssentialQualification:
				Security & Access Control: Role-based data access, user-level permissions, enterprise geodatabase roles
				Backup & Recovery: Data archiving, replication, and disaster recovery for spatial databases
				• Data Formats & Standards: Shapefiles, GeoJSON, KML, GPKG, GML, ISO/OGC standards compliance
				Web GIS Integration: ArcGIS Online, Portal for ArcGIS, Web Map Services (WMS), REST APIs

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Services)	1 <sup>st</sup> class Bachelor's Degree or 1 <sup>st</sup> class Master's Degree in Computer Science
	Geoinformatics/Urban Studies/Spatial Technology/Geology/Environmental Science with 7 years of hand-on experience post bachelor's Degree and 5 years of hand-on experience post Master's Degree including 2 years in software development and application customization including GIS applications in infrastructure projects, including roads, utilities, urban development, or land records.
	OR
	PhD in Computer Science and Engineering/IT/Data Science/AI-ML/
	Geoinformatics/Urban Studies/Spatial Technology/Geology/Environmental Science. Total 3years of experience including 1 year in Software development and application customization include GIS applications in infrastructure projects, including roads, utilities, urban development, or land records.
	Specialized work experience (Desirable):
	Proficiency in industry-standard Remote Sensing & GIS software (e.g., ERDAS Imagine, ENVI, ArcGIS, QGIS, PCI Geomatica).
	Experience in using open-source tools for image processing and geospatial data workflows.
	Familiarity with geospatial data standards (OGC standards, meta data standards like ISO19115).
	Knowledge of image server setup, web map services (WMS/WMTS), and cloud storage of imagery is desirable.
	• Strong understanding of satellite data types (optical, SAR, LiDAR) and their applications.
	Good analytical skills for processing and interpreting remotely sensed data for decision support.
	Effective documentation and data cataloguing skills.
	Good communication skills to interact with technical teams, end-users, and

				government stakeholders.
				Team handling
				Any relevant certification
21	Geospatial officer	8.2, 9.1	02	EssentialQualification:
21	(IT or Development GISapplication Module)	8.2, 9.1	02	1 <sup>st</sup> class Bachelor's or 1 <sup>st</sup> class Master's degree in Computer Science and Engineering/IT/Data Science/AI-ML/ Geoinformatics/Urban Studies/Spatial Technology/ Geology/Environmental Science with 7 years of handon experience post bachelor's Degree and 5 years of hand-on experience post Master's Degree including 2 years in software development and application customization including GIS applications in infrastructure projects, including roads, utilities, urban development, or land records.
				OR
				PhD in Computer Science and Engineering/IT/ Data Science/AI-ML/Geoinformatics/Urban Studies/Spatial Technology/Geology/Environmental Science. Total 3 years of experience including 1 year in software development and application customization including GIS applications in infrastructure projects, including roads, utilities, urban development, or land records.
				Specialized work experience (Desirable):
				<ul> <li>Proficiency in GIS APIs and SDKs         (e.g., ArcGIS API for Java Script,         Leaflet, Open Layers).</li> <li>Familiarity with spatial data models,         geoprocessing, and geo-services         (WMS, WFS, WMTS, REST).</li> </ul>
				Development of Weband RESTAPIswi thNode Js and .net
				Familiarity with the ASP.NET framework, and Express JS Node framework, SQL Server and design/architectural patterns
				Will be Preferred if Experience in location, tracking mobile app APIs & dashboards.
				Good skills in bugs resolutions, DB     Planning & Designing the

				architectures
				<ul> <li>KnowledgeofAPIDocumentationproc essflows &amp; data, speed optimizations in gathering - posting the data from / to the server</li> </ul>
				<ul> <li>Knowledge of ASP.NET, SQL Server, HTML, CSS, JavaScript, and C#, Node Js, Postgres SQL. Prepare and maintain code for various .Net applications and resolve any defects in systems.</li> </ul>
				Full stack developer
				Certifications in relevant GIS software (e.g., ESRI Developer Certification, FME, QGIS plugins).
				<ul> <li>Certifications in programming languages or web development frameworks (e.g., Python, JavaScript, .NET, Node.js, or Angular/React).</li> </ul>
				<ul> <li>Training in spatial database management (e.g., PostGIS, Oracle Spatial, ArcSDE).</li> </ul>
				Team handling
				Any relevant certification
22	GIS Software Developer	8.3	01	EssentialQualification:  1st class Bachelor's Degree or 1st class Master's Degree in Computer Science/ Computer applications/Information Technology/Geoinformatics/Remote Sensing & GIS/Geoinformatics/ Electronics & Communication Engineering/ Environmental Science/ Geography/ Urban Planning from a university/ professional institution recognized by the Government with at least 4 years of hands-on experience post Bachelor's Degree and 2 years of hands-on experience post Master's Degreein software development and application customization including GIS applications.  Specialized work experience (Desirable):  • Experience in remote sensing and GIS software's development  • Open-source coding
				Fullstackdeveloper

				Teamhandling
				Any relevant certification
23	Geospatial Assistant	8.4	02	EssentialQualification:
	(Survey)			1st class Master's degree from a recognized university in Remote Sensing /GIS / Geo-Informatics & Photogrammetry /Geo-spatial Sciences / Computer Science / Mathematics with 3 years experience in relevant field.
				OR
				1st class Bachelor's degree in Geomatics/ Surveying Engineering/Civil Engineering/ Geoinformatics/Remote Sensing and GIS with 4 years of Experience
				Specialized work experience (Desirable):
				DGPS Survey Training from recognized institutions UAV/Drone Pilot Certification from DGCA (India) or other national aviation authorities
				CORS Network operation training
				Operation of DGPS, RTK GNSS, and CORS-based surveying equipment
				UAV/Drone handling, mission planning, and flight operations (fixed-wing/multi- rotor)
				Data collection, post-processing, and accuracy analysis
				Use of Total Station, Electronic Theodolite, and Auto Level
				Survey software: Trimble Business     Center, Leica Geo Office, MAGNET,     Topcon Tools
				Drone mapping & photogrammetry:     Pix4D,Drone Deploy, Agisoft     Metashape
				GIS & CAD: ArcGIS/QGIS, AutoCAD Civil3D, GlobalMapper
24	Geospatial	8.5	02	EssentialQualification:
	Assistant (Quality Assuranceand Standardizatio n)			1st class M.Sc./MCA/M.Tech from a recognized universityinGeo-informatics & Photogrammetry/ Geospatial Sciences/ Computer Science/ Mathematics with minimum 3 years of research, teaching, design and development experience.
				OR
				Doctorate degree from a recognized

				university in Geo-informatics & Photogrammetry/ Geospatial Sciences/ Computer Science/ Mathematics with 2 years of experience.  Specialized work experience (Desirable):  Should have more than one year of experience in UAV Image interpretation and feature extraction.  Knowledge of GPS/DGPS based instruments/ CORS survey, data processing and handling of outputs.  Knowledge and working experience on ARCGIS/QGIS etc. (latest technology/software) of automatic/manual feature extraction using Orthorectified images generated from UAV.  Knowledge of attribute collection and field addition, merging of various attribute tables in ARCGIS and QGIS.  Knowledge of data model structure and layout of maps.  Reporting and maintenance of created data base.  QA/QC of data.
25	Geospatial Assistant (Coordination & Support)	8.6	02	Essential Qualification:  1st class Master's Degree in Computers/IT/ Geospatial technology from any university/ institution recognized by Government with 3 years experience in the GIS software development and applications customization.  Specialized work experience (Desirable):  Working experience on MS SQL Server/Postgres SQL Server  Handling and Creating  Providing database support in day to dayoperation  Experience with Performance Tuning and Optimization (PTO), using native monitoring and troubleshooting tools  Experience with backups, restores and recovery models  Knowledge of High Availability (HA) and Disaster Recovery (DR) options for SQL Server  Experience working with Windows

				<ul> <li>server, including Active Directory</li> <li>Excellent written and verbal communication</li> <li>Flexible, team player, "get-it-done" personality</li> <li>Ability to organize and plan work independently</li> <li>Ability to work in a rapidly changing environment</li> <li>Ability to multi-task and context-switch effectively between different activities and teams.</li> <li>MIS reports</li> </ul>
26	Geospatial Assistant (GIS Software Developer)	8.7	02	Essential Qualification:  1st class Master's Degree in Computer Science/Computer Applications/ Information Technology/ Geoinformatics /Remote Sensing & GIS/Geoinformatics/ Electronics & Communication Engineering/Environmental Science/ Geography/ Urban Planning from a university/institution recognized by the Government with at least 3 years of hands- on experience in software development and application customization including GIS applications.  Specialized work experience (Desirable):  Proficiency in ArcGIS Platform (ArcGISPro, ArcMap, ArcGIS Enterprise, ArcGIS Online).  Experience with ArcPy, Model Builder,  And Python scripting for GIS automation.  Strong knowledge of webGIS  Development using:  JavaScript (ArcGIS API for JavaScript)  HTML/CSS  REST APIs and Web Map services  Experience with spatial databases (PostGIS, SQL Server, or Oracle Spatial).  Experience working with geospatial Formats (shapefiles, GeoJSON, KML,

				Teamhandling
				Knowledge of version control systems
				Prefer Expereince in remote sensing and GIS software's development
				Any relevant certification
27	Geospatial Assistant (Property and Land Record Management and Printing ↦ Production)	8.8	01	Essential Qualification:  1st class Master's Degree in Remote Sensing/GIS/Geo-informatics  OR  1st class Master's degree in Agriculture/ Agro-Meteorology/ Forestry/Geography/ Geology/Geophysics/Environmental Science/ Mathematics/Physics/Water Resources/Urban Planning with P.G. Diploma in Remote Sensing/GIS/Geo- informatics from a recognized university/ Institute.  Professional Experience: Minimum 3 years experience in relevant field.
28	Scrum Master	6.2	01	field.  Essential Qualification:
	Solulii Masici	0.2		1stclass Bachelor's or 1stclass Master's degree in Computer Science/Computer Applications/Information Technology/ Geoinformatics/Remote Sensing & GIS from a university/institution recognized by the Government with at least 5 years of hands-on experience post Bachelor's Degree and 3years of hands-on experience post Master's Degree with agile tools and Agile methodology.  Specialized work experience (Desirable):  Experience as a Scrum Master working with Agile software development teams.  Proven experience facilitating Agile ceremonies, resolving team impediments, and coaching teams on Agile best practices.  Strong background working in crossfunctional and distributed teams using tools like Jira, Confluence, and similar platforms.  Experience with scaled Agile frameworks (e.g., SAFe, LeSS, Scrum@Scale)  Expertise in Agile metrics (burn-down, velocity, cumulative flow)  Hands-on experience with DevOpsintegration and CI/CD pipelines

20	Ovelity Assurance		01	<ul> <li>Strong stakeholder management and conflict- resolution skills</li> <li>Technical familiarity with software development processes or SDLC</li> <li>Advanced Agile certifications (e.g., SAFe Program Consultant, PMI-ACP)</li> <li>Experience in Agile transformation or coaching at enterprise level</li> <li>Exposure to domains like fintech, healthcare, or data-driven platforms</li> <li>Effective communication, facilitation, and mentoringabilities</li> <li>Professional Scrum Master (PSM I/II) or Certified ScrumMaster (CSM) certification from a recognized body(e.g., Scrum.org, Scrum Alliance).</li> </ul>
29	Quality Assurance Specialist	4.4	01	Essential Qualification:  1st class Bachelor's Degree or 1st class Master's Degree in Computer Science/ Information Technology/Software Engineering/Geoinformatics/Remote Sensing & GIS/Electronics & Communication Engineering/ Mathematics/Statistics from a university /professional institution recognized by the Government with atleast 5 years of hands- on experience post Bachelor's Degree and 3 years of hands-on experience post Master's Degree in PLM tools.  Specialized work experience (Desirable):  Experience in software quality assurance or testing roles.  Demonstrated expertise in writing test plans, test cases, and defect tracking.  Hands-onexperience with Qatools and frameworks (e.g., Selenium, JUnit, TestNG, Postman).  Experience in Agile/Scrum-based software development environments.  Automation testing experience using tools like Selenium WebDriver, Cypress, or Robot Framework  Working knowledge of CI/CD and DevOps tools (e.g., Jenkins, Git, Docker)  API testing skills using Postman, REST

			1	Assured or Socal II
				Assured, or SoapUI
				Exposure to performance and load testing(e.g., JMeter, LoadRunner)
				• Familiarity with security and compliance testing (e.g., OWASP)
				Experience with bug tracking/ project management tools like Jira, Azure DevOps
				Goodscripting/programming knowledge(e.g., Python, Java, or JavaScript)
				Domain knowledge in regulated environments (e.g., healthcare, finance)
				Strong communication and documentation skills
				Knowledgeofsoftwaredevelopmentlifecy cle (SDLC) and V-model
30	Legal and	6.8	01	EssentialQualification:
	Technical			1 <sup>st</sup> class Five Years Integrated LLB degree
	Documentation			or 1 st class LLB from a recognized university
	Specialist			or institution with 3 years experience in
				legal writing, technical documentation, or
				compliance-related content development.
				Sandaliand and a market and the sandalian
				<ul> <li>Specialized work experience (Desirable):</li> <li>Experience with drafting contracts, terms</li> </ul>
				of service, privacy policies, or policy briefs preferred.
				Familiarity with writing for legal-tech tools, software documentation, or regulatory submissions is an advantage.
				Strong grasp of legal terminology, regulatory frameworks, and document drafting standards.
				Exposure to technology law, data protection, or IP law
				• Experience collaborating with product,
				compliance, or tech teams
				Understanding of technical writing tools (e.g., Markdown, LaTeX, MS Word with track changes) and relevant certification.
				<ul> <li>Understanding of technical writing tools (e.g., Markdown, LaTeX, MS Word with track changes) and relevant certification.</li> <li>Familiarity with legal research databases (e.g., SCC Online,</li> </ul>
				<ul> <li>Understanding of technical writing tools (e.g., Markdown, LaTeX, MS Word with track changes) and relevant certification.</li> <li>Familiarity with legal research databases (e.g., SCC Online, Manupatra, Westlaw)</li> </ul>
				<ul> <li>Understanding of technical writing tools (e.g., Markdown, LaTeX, MS Word with track changes) and relevant certification.</li> <li>Familiarity with legal research databases (e.g., SCC Online,</li> </ul>

				Attention to detail, structured thinking, and document version
				Friendly documentation
31	Technical Content Writer	1.1	01	<ul> <li>Friendly documentation</li> <li>EssentialQualification:  1st class Bachelor's Degree or 1st class Master's Degree in English/Journalism, Communications/ComputerScience/ Engineering with 5 years of experience post Bachelor's Degree and 3 years of experience post Master's Degree in technical writing, content creation or documentationin govt./private sector.</li> <li>Specialized work experience (Desirable): <ul> <li>Strong command of English (grammar, spelling, tone, clarity) with the ability to simplify complex technical concepts.</li> </ul> </li> <li>Working knowledge of the subject matter (e.g., software development, cloud computing, hardware systems, APIs, cybersecurity, etc.).</li> <li>Experience writing user guides, manuals, how-to articles, FAQs, white papers, or case studies.</li> <li>Familiarity with content creation and editing tools such as MS Word, Google Docs, Markdown, Confluence, Notion, or similar platforms.</li> <li>Basic understanding of SEO principles for optimizing web-based content.</li> <li>Ability to ensure technical accuracy, consistency, and adherence to style guidesor brand voice.</li> <li>Master's degree in English, Technical Writing, or a STEM field is a plus.</li> <li>Prior work in domains like SaaS, AI/ML, data analytics, healthcare, fintech, or cybersecurity</li> <li>Familiarity with DITA, The Chicago Manualof Style, or AP Style Guide.</li> </ul>
				<ul> <li>Experience with CMS platforms like WordPress, Drupal, or Adobe Experience Manager (AEM).</li> <li>Basic knowledge of Git/GitHub or other version control systems used indevelopment workflows.</li> </ul>
				Experience using tools like Visio, Figma, Lucidchart, or Adobe Illustrator to create

				diagrams and visuals.
				Ability to use Google Analytics or similar tools to track content performance.
				<ul> <li>Experience collaborating in agile teams or with developers and product managers in sprint cycles.</li> </ul>
32	Senior Geodetic	7.1	01	Essential Qualification:
	Officer			1st class Master's degree in Geodesy/Geomatics/Surveying Engineering/Civil Engineering/Geoinformatics from a recognized university with 10 years of experience in geodetic surveys, mining surveys etc.  Specialized work experience (Desirable):
				<ul> <li>Proven experience in planning and executing high-precision GNSS/GPS surveys, control network establishment, and data processing.</li> </ul>
				<ul> <li>Practical knowledge of mining lease boundary demarcation, subsidence monitoring, and volumetric calculations.</li> </ul>
				• Proficiency in GNSS data processing software (e.g., Trimble Business Center, Leica Geo Office, or similar).
				• Hands-on experience with CORS installation, maintenance, and network troubleshooting.
				• Good understanding of coordinate reference systems, datum transformations, and geo-referencing.
				• Familiarity with survey instruments (total stations, GNSS receivers, digital levels) and related field procedures.
				<ul> <li>Certification in from Registered or licensed surveyor certification from a recognized authority,</li> </ul>
				<ul> <li>GNSS/RTK/ CORS operator or related professional training certificates.</li> </ul>
				• Sound knowledge of applicable mining laws, survey standards, and regulatory guidelines.
				<ul> <li>Understanding of remote sensing and GIS integration with geodetic survey data is an added advantage.</li> </ul>
33	Junior Electrical	2.10	01	<b>Essential Qualification:</b>
	Engineer			1 <sup>st</sup> class Bachelor's Degree or 1 <sup>st</sup> class Master's Degree in Electrical Engineering

				from recognized institution by the government.  Specialized work experience (Desirable):  • Higher educational qualification and experience would be preferred.  • Electrical Design & Drafting Circuit Analysis & Testing Power Systems & Distribution Electrical Standards & Codes PLC & Automation (Desirable) Energy Management (Optional)  • Site Execution & Supervision
34	Communication Engineer	7.3	02	Essential Qualification:  1st class Master's Degree in Electronics and Communications (ECE) from recognized institution/university.  Specialized work experience (Desirable):  Networking & Protocols  Signal Processing  RF & Microwave Engineering  Optical Communication  Wireless & Satellite Communication  Simulation & Modelling: MATLAB, Simulink, Ansys HFSS, CST Microwave Studio, Keysight ADS  Network Simulators: NS2, NS3, OPNET, GNS3 PCB  Circuit Design: OrCAD, Altium Designer,  Eagle Programming: C/C++, Python, VHDL/Verilog (for hardware level)  Measurement Instruments: Spectrum analyzer, network analyzer, signal generator, oscilloscope  Lab experiments on transmitters, receivers, and antennas  Field testing for signal strength, QoS, and bandwidth  Equipment calibration and
35	Database Administrator	9.2	01	Essential Qualification:  1st class Bachelor's Degree or 1st class Master's Degree in Computer Science / Information Technology / Computer Engineering / Data Engineering / Electronics & Communication or equivalent discipline from a recognized University/Institute.

26	Eventond Software	0.5	01	Total 5 years of professional experience in IT, including at least 1 year of hands-on experience in Database Administration (DBA) such as installation, configuration, backup & recovery, performance tuning, security management, or high-availability setup on enterprise RDBMS (e.g. PostgreSQL, Oracle, MS SQL Server, MySQL).  OR  PhD in Computer Science / Information Technology / Computer Engineering / Data Engineering / Electronics & Communication or equivalent discipline from a recognized University/Institute.  Total 3 years of professional experience in IT, including at least 1 year of hands-on experience in Database Administration (DBA) such as installation, configuration, backup & recovery, performance tuning, security management, or high-availability setup on enterprise RDBMS.  Specialized work experience (Desirable):  • Expertise in Microsoft SQL Server including:  Database design, optimization, indexing, backup & recovery, Managing spatial data types (geometry, geography); Creating stored procedures, triggers, and performance tuning  • Hands-on experience with PostgreSQL/PostGIS:  Geodatabase creation, spatial indexing, topology rules; Query optimization & spatial functions; Knowledge of database versioning, branch/version workflows, and data replication; Experience in publishing GIS services (map/feature services) and managing data connections; Ability to implement data quality checks, topology validations, and attribute rules; Strong understanding of database security, access control, user roles, and permissions; Experience with backup planning, disaster recovery, and high availability environments.
36	Frontend Software Developer	9.5	01	Essential Qualification:  1st class Bachelor's Degree or 1st class Master's Degree in Computer Science/ Computer Applications/IT/AI-ML/Data Science/ Geoinformatics/Remote Sensing and GIS from a recognized university or institution, with at least 3 years of hands- on experience Post Bachelor's Degree and at least 1 year of hands-on experience Post

				Mastan's Dagmas in as ferror 1 1
				Master's Degree in software development
				and application customization including
				GIS applications.
				Specialized work experience (Desirable):  Geospatial Integration & Mapping Solutions  Demonstrated expertise in building complex, interactive, and high-performance mapping applications with advanced layer visualization.  Preferred Technologies: ArcGIS JavaScript API, GeoJSON  Application Architecture & Scalable State Management  Strong command over designing modern, modular web application architectures with robust state management for large-scale geospatial systems.  Preferred Technologies: React, TypeScript, Redux  Responsive & Accessible UI Engineering  Skilled in developing responsive, cross-platform user interfaces that comply with design systems and accessibility standards.  Preferred Technologies: Tailwind CSS
				High-Volume Client-Side Data Visualization  Proven capability in rendering and optimizing large geospatial datasets on the client side for smooth, real-time interaction.  Preferred Technologies: Client-side Rendering, GeoJSON
37	Backend Software Developer	9.6	01	Essential Qualification:  1st class Bachelor's Degree or 1st class Master's Degree in Computer Science/ Computer Applications/IT/AI-ML/Data Science/ Geoinformatics/Remote Sensing and GIS from a recognized university or institution, with at least 3 years of hands- on experience Post Bachelor's Degree and at least 1 year of hands-on experience Post Master's Degree in software development and application customization including GIS applications.
				Specialized work experience (Desirable):  • Spatial Database Management & Optimization  Extensive experience in administering spatial databases, executing advanced spatial queries, and optimizing spatial indexes for

				high-performance geospatial applications.  Preferred Technologies: PostgreSQL (PostGIS), MSSQL  • Scalable API & Backend Development Proficient in architecting and deploying scalable backend services and APIs with strong focus on geolocation and spatial data operations. Preferred Technologies: Python, Django, Node.js  • GIS Principles & Spatial Analysis Strong foundation in GIS concepts, including coordinate reference systems, projections, and spatial analysis operations for accurate geospatial modeling. Preferred Concepts: SRID Projections, Spatial Joins  • Geospatial Data Processing & Transformation Demonstrated expertise in processing, transforming, and serializing geospatial data formats for enterprise-grade workflows and system integrations. Preferred Formats: Shapefiles, GeoJSON
38	Geospatial Assistant (Data Management & Processing)	9.7	01	Essential Qualification:  1st class Master's Degree in Computers/ IT/ Geospatial technology from any university/ institution recognized by Government with 3 years experience in the GIS software development and applications customization.  Specialized work experience (Desirable):  • Working experience on MS SQL Server/Postgres SQL Server  • Handling and Creating the Database/Enterprise Geodatabase.  • Providing database support in day to day operation  • Experience with Performance Tuning and Optimization (PTO), using native monitoring and troubleshooting tools  • Experience with backups, restores and recovery models  • Knowledge of High Availability (HA) and Disaster Recovery (DR) options for SQL Server  • Experience working with Windows server, including Active Directory  • Excellent written and verbal

				communication
				Flexible, team player, "get-it-done" personality
				Ability to organize and plan work independently
				Ability to work in a rapidly changing environment
				Ability to multi-task and context- switch effectively between different activities and teams.
				MIS reports
39	Project Fellow (PF)	9.8	01	Essential Qualification:  1st class master's degree in Remote Sensing/ GIS/Geo-informatics.  OR  1st class master's degree in agriculture/ Agro Meteorology/ Forestry/Geography/ Geology/Geophysics/Environmental Science/ Environmental Management/ Environmental Biology/ Statistics/ Botany/ Mathematics/ Physics/ Water Resources/Urban Planning with P.G. Diploma in Remote Sensing/GIS/ Geo- informatics from a recognized university/ Institute.
				*Revised salary shall be paid to the Project Fellow having NET tests - CSIR, UGC NET including lectureship (Assistant Professorship) and GATE or should have cleared any National Level examinations such as DST/DBT/DOS/DAE/DRDO/ ICAR/IISC etc.

### Terms and conditions:-

- 1. Candidate will ensure eligibility and other requirements before filling the application form.
- 2. Incomplete application form shall not be entertained. Attach all the required self attested documents with the application form.
- 3. HARSAC may increase or decrease the number of posts during the process of recruitment subject to the needs in the project and funds availability.
- 4. Tenure of the contractual engagement is one year or earlier which may be increased or decreased depending on the performance/requirement.
- 5. The eligible candidates will be called for Written/Skill Test/Interaction in due course of time.
- 6. In any discrepancy, decision of the Director, HARSAC will be final and abide by the candidates.
- 7. Canvassing in any form by the candidates will be disqualified.
- 8. Director, HARSAC can cancel this whole recruitment process or for any post/posts without assigning any reason at any time.
- 9. Candidates are advised to visit HARSAC website regularly for dates of written test/skill test/interaction.

Director, HARSAC

# **APPLICATION FORM**

# (Advt. No. HARSAC/HSR/Recruitment/PP/2025/03)

1)	Post Applied for	:	
2)	Name of the Project	:	LATEST SELF ATTESTED PHOTO

3) Name of the Candidate : : 4) Date of Birth : : 5) Name of Father/ Husband : : 6) Contact Tel/Mobile No. : : 7) E-mail Address : : 8) Nationality : : 9) Address for correspondence : :

10) Permanent Address :

11) Whether SC/ST/OBC/General

12) Educational/Professional Qualifications (Matriculation onwards):

	Examination Passed (Indicate name of degree)	University/ Board	Year of Passing	Division/Grade	Subjects Studied
1.	10 <sup>th</sup> class				
2.	12 <sup>th</sup> Class				
3.	Graduation				
4.	Master Degree				
5	Higher Qualification, if any				

evant Experience (Enclose	supporting documents	) :	
lications (If any, mention S	SCI journal or Non SC	I Journal and enclose)	:
ional Level Test Passed (if	any) :		
Name of Test	ar of Passed	bject/Discipline	lidity Date
GATE/NET/National			
Level Other Test in			
relevant			
stream/subject			
that the information given also fully understand that conceal or misrepresent th	t if at any stage it is	discovered that an attement may be terminated alor	pt has been made by me to
	pies of all the documen	nts mentioned in the appli	cation form should be
	ional Level Test Passed (if  Name of Test  GATE/NET/National Level Other Test in relevant stream/subject  Other information  LARATION  that the information given also fully understand tha conceal or misrepresent the fit under the law.	lications (If any, mention SCI journal or Non SC ional Level Test Passed (if any) :    Name of Test	Name of Test ar of Passed bject/Discipline  GATE/NET/National Level Other Test in relevant stream/subject  other information :  CLARATION  that the information given in this application form is true and correct to the also fully understand that if at any stage it is discovered that an attent conceal or misrepresent the facts, my appointment may be terminated alor fit under the law.  Signature on the strength of