



Advt. No. DIC/AP/NHAI
Digital India Corporation
Electronics Niketan Annexe, 6, CGO Complex Lodhi Road,
New Delhi - 110003
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Website: www.dic.gov.in

Web Advertisement
17.06.2025

Digital India Corporation has been set up by the 'Ministry of Electronics & Information Technology, Government of India', to innovate, develop and deploy ICT and other emerging technologies for the benefit of the common man. It is a 'not for profit' Company under Section 8 of the Companies Act 2013. The Company has been spearheading the Digital India programme of the Government of India, and is involved in promoting use of technology for e-Governance/e-Health / Telemedicine, e-agriculture, e-Payments etc. The Digital India programme promotes safety and security concerns of growing cashless economy and addresses challenges confronting its wider acceptance. It also promotes innovation and evolves models for empowerment of citizens through Digital initiatives and promotes participatory governance and citizen engagement across the government through various platforms including social media.

Digital India Corporation is currently inviting applications for the following positions purely on Contract/ Consolidated basis for NHAI Datalake3.0 project:-

Sr. No.	Name of the Post	No. of Position
1.	GIS Expert	1

**** The place of posting** shall be in New Delhi but transferable to project locations of Digital India Corporation as per existing policy of Digital India Corporation.

Screening of applications will be based on qualifications, age, academic record and relevant experience. Digital India Corporation reserves the right to fix higher threshold of qualifications and experience for screening and limiting the number of candidates for interview. Only shortlisted candidates shall be invited for selection interviews. Digital India Corporation reserves the right to not to select any of the candidates without assigning any reason thereof.

The details can be downloaded from the official website of DIC viz. www.dic.gov.in

Eligible candidates may apply ONLINE: <https://ora.digitalindiacorporation.in/>



Job Description: GIS Expert

A. Job Summary:

The GIS Expert will lead the Geographic Information System (GIS) initiatives within the organization, providing technical expertise, strategic direction, and leadership in GIS technology and applications. This role involves collaborating with stakeholders to analyze spatial data requirements, design GIS solutions, and implement geospatial workflows to support business objectives. The ideal candidate has extensive experience in GIS, strong analytical skills, and the ability to manage complex projects.

B. Roles & Responsibilities:

- Develop and implement the organization's GIS strategy, in alignment with business goals and objectives.
- Identify opportunities for GIS integration across departments and functions.
- Define GIS standards, policies, and best practices.
- Analyze spatial data to identify patterns, trends, and insights.
- Develop and maintain spatial databases, datasets, and metadata.
- Ensure data quality, integrity, and accuracy in GIS databases.
- Design and develop GIS applications, tools, and workflows to meet business requirements.
- Customize and configure GIS software platforms (e.g., ArcGIS, QGIS) to address specific needs.
- Integrate GIS functionality with other systems and applications.
- Create geospatial models and simulations to support decision-making and planning.
- Generate maps, reports, and visualizations to communicate spatial data findings.
- Develop interactive web mapping applications for data dissemination and analysis.
- Lead GIS projects from conception to completion, ensuring they are delivered on time and within budget.
- Define project scope, objectives, and deliverables.
- Coordinate with internal and external stakeholders to gather requirements and manage expectations.
- Provide training and support to users of GIS technology within the organization.
- Promote GIS awareness and build GIS capabilities across departments.
- Stay updated on emerging GIS trends, technologies, and best practices.



C. Educational Qualifications:

Basic:

- i) Bachelor's degree in computer science/ IT, or related fields from a recognized university/institute.

Preferred:

- ii) Master's degree in IT management or related fields from a recognized university/institute.

D. Required Skills & Experience:

Minimum of 5+ years of experience in GIS, with at least 3 years in a senior role.

Essential:

- Strong leadership and team management skills.
- Excellent project management abilities.
- Deep technical expertise in GIS technologies and methodologies.
- Exceptional problem-solving and analytical skills.
- Excellent communication and interpersonal skills.
- Experience with Agile, Scrum, and other project management frameworks.

E. Preferred Skills & Experience:

- Proficiency in Geographic Information Systems (GIS) software such as ArcGIS, QGIS, or MapInfo, leveraging the latest features and functionalities to analyze and visualize geospatial data.
- Experience in geospatial data collection, processing, and analysis using advanced techniques and tools like remote sensing, LiDAR, and GPS.
- Knowledge of spatial databases and data management systems such as PostgreSQL with PostGIS, Oracle Spatial, or MongoDB, incorporating the latest database technologies and spatial indexing methods.
- Familiarity with web mapping technologies and frameworks such as Leaflet, OpenLayers, or Mapbox, utilizing APIs and libraries to develop interactive and dynamic maps for web applications.
- Proficiency in spatial data conversion workflows using scripting languages like Python, R, or JavaScript, and integrating geospatial data into custom applications.
- Understanding of geospatial standards and protocols such as OGC (Open Geospatial



Consortium) standards, WMS (Web Map Service), WFS (Web Feature Service), and WCS (Web Coverage Service), ensuring interoperability and compatibility with external systems.

- Experience of working with geospatial data in various formats such as Excel, CSV, Shapefile, KML, etc., and developing geospatial data validation tools (web-based).
- Experience with spatial data visualization and storytelling techniques, using tools like Tableau, Power BI, or Carto to create compelling and insightful geospatial visualizations and dashboards.
- Knowledge of cloud-based GIS platforms such as ArcGIS Online, Google Earth Engine, or AWS Location Services, leveraging scalable and flexible infrastructure for geospatial data storage, processing, and analysis.
- Familiarity with Agile software development methodologies and DevOps practices, participating in iterative development cycles, sprint planning, and continuous integration/continuous deployment (CI/CD) pipelines for GIS applications.
- Ability to collaborate with cross-functional teams including developers, data scientists, and domain experts, and effectively communicate technical concepts and solutions to non-technical stakeholders.



General Conditions applicable to all applicants covered under this advertisement:

1. Those candidates, who are already in regular or contractual employment under Central / State Government, Public Sector Undertakings or Autonomous Bodies, are expected to apply through proper channel or attach a 'No Objection Certificate' from the employer concerned with the application OR produce No Objection Certificate at the time of interview.
2. Digital India Corporation reserves the right to fill all or some or none of the positions advertised without assigning any reason as it deems fit.
3. The positions are purely temporary in nature for the project of Digital India Corporation and the appointees shall not derive any right or claim for permanent appointment at Digital India Corporation or on any vacancies existing or that shall be advertised for recruitment by Digital India Corporation in future.
4. Digital India Corporation reserves the right to terminate the appointments of all positions with a notice of one month or without any notice by paying one month's salary in lieu of the notice period.
5. The maximum age shall be as on the last date of receipt of the applications. Screening of applications will be based on qualifications, age academic record and relevant experience.
6. In case of a query, the following officer may be contacted

Ms. Vinaya Viswanathan
Head- HR
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