



**Advt. No. DIC/NHAI Datalake3.0/28/2024/06**  
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**Web Advertisement**  
**28.06.2024**

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 Positions
1.	Project Manager/Program Lead	1
2.	Senior Product Manager/Tech Team Lead	1
3.	Business Analyst	2
4.	Front End Developer	2
5.	Full Stack Developer	4
6.	Mobile Developer	1
7.	Dashboard /Reports Developer	4
8.	Data Analyst	1
9.	UI/UX Designer	1
10.	GIS Expert	1
11.	System Admin/DevOps	1
12.	Database Admin	1
13.	Tech Support Executive	2

\*\* **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](http://www.dic.gov.in)

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



## **1. Job Description: Project Manager/Program Lead**

### **A. Job Summary:**

The organization is seeking a highly organized, dynamic and results-driven Project Manager/Program Lead to lead and oversee various projects. The Project Manager will be responsible for planning, executing, and finalizing projects according to strict deadlines and within budget. This role requires excellent leadership skills, a keen attention to detail, and the ability to manage multiple tasks and projects simultaneously.

### **B. Roles & Responsibilities:**

- Develop comprehensive project plans that outline scope, goals, deliverables, required resources, budget, and timing. Assemble and coordinate project team members; assign tasks and responsibilities to appropriate personnel.
- Develop and manage project timelines and schedules; ensure project milestones are met.
- Track project costs, ensure budget adherence, and implement cost-saving measures where possible.
- Identify potential project risks and develop mitigation strategies; monitor and manage risks throughout the project lifecycle.
- Serve as the main point of contact for project stakeholders; facilitate communication and collaboration among project stakeholders.
- Monitor project progress and performance; use appropriate tools and techniques to ensure project objectives are met.
- Ensure that all projects are delivered on time, within scope, and to the required quality standards.
- Generate and present regular status reports to stakeholders and senior management.
- Maintain comprehensive project documentation, including plans, reports, and records.



**C. Educational Qualifications:**

Basic: Bachelor's degree in Computer Science / IT or related fields from a recognized university/institute.

Preferred: Master's degree in IT management or related fields from a recognized university/institute.

**D. Desirable Skills & Experience:**

- Minimum 15+ years of experience in project management.
- Proven track record of managing projects on time and within budget
- Proficiency with project management software such as Microsoft Project, Asana, Trello, or Jira
- Strong understanding of project management methodologies, including Agile, Scrum, or Waterfall.
- Excellent leadership, communication, and interpersonal skills.
- Strong organizational and multitasking abilities.
- Problem-solving mindset with a high degree of flexibility.
- Ability to work under pressure and meet tight deadlines.



## **2. Job Description: Senior Product Manager/Tech Team Lead**

### **A. Job Summary:**

The Senior Product Manager/Tech Team Lead will lead the product strategy, development, and lifecycle management for key product lines. This role involves close collaboration with crossfunctional teams, including engineering, design, marketing, and sales, to drive product innovation and ensure alignment with the company's strategic goals. The ideal candidate has a strong background in product management, exceptional leadership skills, and a proven track record of delivering successful products.

### **B. Roles & Responsibilities:**

- Develop and articulate a clear product vision and strategy that aligns with the company's overall business objectives.
- Conduct market research and competitive analysis to identify opportunities and threats.
- Define and prioritize the product roadmap, ensuring it reflects customer needs and business goals.
- Lead the end-to-end product development process, from ideation to launch and beyond.
- Collaborate with engineering, design, and other teams to deliver high-quality products on time and within budget.
- Create detailed product specifications and user stories.
- Serve as the primary point of contact for all product-related matters.
- Communicate product plans, progress, and outcomes to stakeholders at all levels of the organization.
- Facilitate cross-functional collaboration to ensure successful product launches and adoption.
- Gather and analyse customer feedback, usage data, and market trends to inform product decisions.
- Conduct regular user testing and incorporate findings into product iterations.
- Maintain a strong understanding of the competitive landscape and industry trends
- Define key performance indicators (KPIs) and metrics to measure product success.
- Monitor product performance and use data-driven insights to make informed decisions.
- Continuously seek ways to improve product effectiveness and customer satisfaction and clients.



### C. Educational Qualifications:

Basic: Bachelor's degree in Computer Science / IT or related fields from a recognized university/institute.

Preferred: Master's degree in IT management or related fields from a recognized university/institute

### D. Desirable Skills & Experience:

- Minimum of 8+ years of experience in software product development & management.
- Proficiency in product management tools such as Jira, Asana, Trello, or Monday.com for managing product backlogs, prioritizing features, and tracking project progress.
- Experience with Agile product development methodologies such as Scrum or Kanban, and familiarity with Agile tools and practices for sprint planning, backlog grooming, and daily stand-up meetings.
- Knowledge of user story mapping and requirements gathering techniques, and proficiency in tools like Miro or Lucidchart for visualizing and organizing product requirements and user stories.
- Familiarity with product analytics platforms such as Google Analytics, Mixpanel, or Amplitude for tracking user behavior, measuring product performance, and making data-driven decisions.
- Understanding of customer feedback collection and analysis techniques, including surveys, interviews, and usability testing, and experience with tools like UserVoice, Intercom, or Zendesk for gathering and managing customer feedback.
- Proficiency in prototyping and wireframing tools such as Sketch, Figma, or for creating mockups and prototypes of new features and enhancements.
- Experience with A/B testing and experimentation platforms such as Optimizely, VWO, or Google Optimize for testing and validating product hypotheses and feature ideas.
- Knowledge of product roadmap development and management techniques, and familiarity with roadmap visualization tools like Roadmunk, or ProdPad for creating and sharing product roadmaps with stakeholders.
- Understanding of product strategy and market analysis principles, and proficiency in tools like SWOT analysis, Porter's Five Forces, or competitive landscape analysis for assessing market opportunities and threats.



- Familiarity with product pricing and monetization strategies, and experience with subscription billing platforms such as Stripe, Recurly, or Chargebee for managing product pricing and billing.
- Proficiency in communication and collaboration tools such as Slack, Microsoft Teams, or Zoom for facilitating communication and collaboration with cross-functional teams including designers, developers, and stakeholders.
- Experience with conducting user interviews, market research, and competitive analysis to identify customer needs, market trends, and product opportunities, and translating insights into actionable product strategies and roadmaps.



### **3. Job Description: Business Analyst**

#### **A. Job Summary:**

The Business Analyst is responsible for assessing business needs, analysing processes, and implementing solutions that enhance business efficiency and effectiveness. This role involves extensive interaction with stakeholders to gather requirements, develop business models, and oversee project implementation.

#### **B. Roles & Responsibilities:**

- To understand business requirements from multiple stakeholders and prioritize them.
- Interpret business requirements and simplify them for easy analysis of top management to make strategic business decisions.
- Create solutions based on the requirements identified, create change management proposals, and work towards achieving the organization's longterm goals.
- Review specifications for required change management, while efficiently organizing business needs.
- Work in close collaboration with the Project Managers, Technical Architects and Development team to ensure the team understands the requirements.
- Facilitating the right design sessions with the project implementation team.
- Delivering the correct elements of system design, business rules, and other relevant deliverables.
- Pull information from multiple sources from within the organization while analysing and reporting the relevant data trends for informed decision making.
- Breaking down the technical and architectural requirements so that the entire team understands the infrastructure and technical requirements.
- Actively involve in capturing new business requirements and communicating them with the development team.
- Directly communicate with the relevant stakeholders and is responsible for transferring this knowledge to the project development teams.
- Helps the management envision future needs among changing business processes and and models.



### C. Educational Qualifications:

- Basic: Bachelor's degree in Computer Science / IT related fields from a recognized university / institute.
- Preferred: Master's degree in Computer Science / IT / Management related fields from a recognized university/institute.

### D. Desirable Skills & Experience:

- 6+ Years of experience as a Business Analyst in IT fields.
- Proficiency in business analysis methodologies such as Agile, Scrum, or Lean Six Sigma, and familiarity with industry-standard frameworks like BABOK (Business Analysis Body of Knowledge) or PMI-PBA (Professional in Business Analysis).
- Experience with requirements elicitation and management techniques, including interviews, workshops, surveys, and user stories.
- Proficiency in using tools like Jira, Confluence, or Microsoft Azure DevOps for requirements documentation and management.
- Knowledge of business process modeling and analysis techniques such as BPMN (Business Process Model and Notation), and experience with modeling tools like Visio, Lucidchart, or Enterprise Architect.
- Familiarity with data analysis and visualization tools such as Tableau, Power BI, or Google Data Studio, for analyzing and presenting business data and insights.
- Proficiency in SQL (Structured Query Language) for querying and analyzing data from relational databases, and experience with database querying tools like SQL Server Management Studio or Oracle SQL Developer.
- Understanding of software development methodologies and lifecycle processes, and experience with collaborating with development teams using Agile practices and tools like Scrum boards or Kanban boards.
- Knowledge of project management principles and practices, and experience with project management tools such as Microsoft Project, Jira or Trello for tracking project progress and managing tasks.
- Experience with business process automation tools such as Zapier, Microsoft Power Automate, or UiPath, for automating repetitive tasks and improving operational efficiency.
- Globally recognized certifications such as CBAP (Certified Business Analysis Professional) or CCBA (Certification of Capability in Business Analysis) from IIBA (International Institute of Business Analysis), or PMI-PBA (Professional in Business Analysis) from PMI (Project Management Institute).





#### **4. Job Description: Frontend Developer**

##### **A. Job Summary:**

The Frontend Developer to join our innovative team. The ideal candidate will possess extensive knowledge in frontend technologies and a proven track record of delivering highquality, user-centric web applications. As a Senior Frontend Developer, you will lead the development of complex projects, mentor junior developers, and collaborate with crossfunctional teams to create seamless, high-performance user interfaces.

##### **B. Roles & Responsibilities:**

- Lead the design, development, and maintenance of web applications using HTML, CSS, JavaScript, and modern frameworks such as React, Angular, or Vue.js.
- Collaborate with UI/UX designers to translate designs into interactive and visually appealing interfaces.
- Ensure high-performance and responsiveness of applications across various devices and browsers.
- Conduct thorough code reviews, provide mentorship, and guide the development team in best practices and coding standards.
- Troubleshoot, debug, and optimize existing applications to enhance user experience and performance.
- Stay current with emerging technologies and industry trends, proposing innovative solutions to enhance our development process.
- Work closely with backend developers to integrate frontend components with server-side logic.

##### **C. Educational Qualifications:**

Basic: Bachelor's degree in Computer Science / IT or related fields from a recognized university/institute.

Preferred: Master's degree in IT management or related fields from a recognized university/institute.



#### **D. Required Experience:**

- Minimum of 4+ years of experience in a similar profile.

##### **a. Essential:**

- Deep understanding of HTML, CSS, and JavaScript.
- Extensive experience with modern frontend frameworks and libraries such as React, Angular, or Vue.js
- Proven ability to create responsive designs that function well on a variety of devices and screen sizes.
- Experience with CSS pre-processors (e.g., SASS, LESS) and modern CSS techniques.
- Expertise in optimizing web applications for speed and scalability.
- Knowledge of best practices for reducing load times and improving performance metrics.
- Experience ensuring applications function correctly across different browsers and platforms.
- Ability to troubleshoot and resolve compatibility issues.
- Proficiency in using Git for version control, including branching, merging, and pull requests.
- Strong understanding of RESTful APIs and experience integrating frontend applications with backend services.
- Familiarity with GraphQL is a plus.
- Experience with frontend testing frameworks and tools (e.g., Jest, Mocha, Cypress).
- Ability to debug complex issues and provide effective solutions
- Proven ability to work closely with UI/UX designers to translate designs into functional and visually appealing user interfaces.
- Strong sense of aesthetics and attention to detail in implementing designs.

##### **b. Preferred Skills & Experience:**

- Strong proficiency in JavaScript, including ES6+ features.
- Expertise in modern frontend frameworks/libraries such as:
- Proficiency in HTML5, CSS3, and preprocessors like SASS or LESS.
- Proficiency in Programming Languages: JavaScript (ES6+), TypeScript, Frameworks/Libraries: React.js, Vue.js, Angular. State Management: Redux, Vuex, MobX Styling: CSS3, SASS/SCSS, LESS, Styled-Components, Tailwind CSS. Build Tools: Webpack, Babel, Parcel. Package Managers: npm, Yarn. Version



Control: Git, GitHub and GitLab. Bitbucket APIs: RESTful APIs, GraphQL Testing: Jest, Mocha, Cypress, Jasmine, Enzyme CI/CD: Jenkins, Travis CI, CircleCI, GitHub Actions.

Other Tools: Visual Studio Code, WebStorm, Postman, Figma (for design collaboration), Storybook (for UI component development)

- Experience with state management libraries such as Redux, Vuex, or MobX.
- Familiarity with frontend build tools and package managers like Webpack, Babel, npm, and Yarn.
- Knowledge of RESTful APIs and experience with API integration.
- Proficiency in version control systems like Git.
- Understanding of cross-browser compatibility issues and ways to work around them.
- Experience with performance optimization techniques.
- Familiarity with testing frameworks and tools like Jest, Mocha, Cypress, or Jasmine.
- Strong understanding of responsive design principles and mobile-first development.
- Ability to write efficient, reusable, and modular code.
- Experience with CI/CD pipelines and tools like Jenkins, Travis CI, or CircleCI.



## 5. Job Description: Full Stack Developer

### **A. Job Summary:**

The Full Stack Developer is responsible for designing, developing, and maintaining web applications across the entire stack, from front-end interfaces to back-end services. This role involves working with cross-functional teams to deliver high-quality, scalable, and maintainable software solutions. The ideal candidate is an experienced developer with a deep understanding of both client-side and server-side technologies, capable of leading projects and mentoring junior developers.

### **B. Roles & Responsibilities:**

- To understand business requirements from multiple stakeholders and prioritize them. Profound knowledge of documentation like requirement specifications, manuals and other project related documents
- Experience in common third-party APIs (google, Facebook, SMS gateway integration, payment gateway integration etc.)
- Object Oriented Programming with the understanding of an MVC framework architecture and experience in development using MVC framework
- Experience in handling web security audit and its tools • Passion for best design and coding practices and a desire to develop new ideas
- Experience for working on software tools LAMP, versioning and bug reporting tools, web and database security
- Experience in cross platform development, worked on products or technologies that have scalable architectures.
- Understanding and experience in complete SDLC from functional & technical specifications, documentation, QA processes, source control, maintenance and deployments
- Understanding of W3C Web Standards/Semantics, GIGW guidelines and Accessibility Guidelines
- Proficient understanding of code versioning tools, such as {{Git / Mercurial / SVN}}



- Should be proficient in Database with specific understanding of RDBMS like PostgreSQL, MySQL (or similar)
- Should be aware of agile delivery and should easily adapt to the process.
- Should be familiar with Performance testing (JMeter, Gatling), Functional testing (Taiko, Jest, gauge and PACT), Unit testing and Integration testing approaches.

#### **C. Qualifications and Experiences:**

Basic: Bachelor's degree in Computer Science / IT or related fields from a recognized university/institute.

Preferred: Master's degree in IT management or related fields from a recognized university/institute.

#### **D. Required Skill Set:**

- 6+ years of experience in Web Application Development with a minimum of 3+ years as a Backend Developer.
- Excellent knowledge in at least one open-source framework like WordPress, Laravel or headless CMS based web development.
- Working Experience of web technologies including HTML, CSS, JavaScript, AJAX, JQuery, Node.js, React.js etc.
- Working Experience of relational databases, version control tools and of developing web services using REST, SOAP architecture and cloud architecture.
- Experience with state management libraries such as Redux, Vuex, or MobX.
- Familiarity with frontend build tools and package managers like Webpack, Babel, npm, and Yarn.
- Knowledge of RESTful APIs and experience with API integration.
- Proficiency in version control systems like Git.
- Understanding of cross-browser compatibility issues and ways to work around them.
- Experience with performance optimization techniques.
- Familiarity with testing frameworks and tools like Jest, Mocha, Cypress, or Jasmine.
- Strong understanding of responsive design principles and mobile-first development.
- Ability to write efficient, reusable, and modular code.
- Experience with CI/CD pipelines and tools like Jenkins, Travis CI, or CircleCI.

Profound knowledge of documentation like requirement specifications, manuals and other project related documents.



## **6. Job Description: Mobile Developer**

### **A. Job Summary:**

The Mobile Developer will lead the development of mobile applications for iOS and/or Android platforms, ensuring high-quality code, performance, and user experience. This role involves collaborating with cross-functional teams to understand requirements, architect solutions, and implement best practices in mobile development. The ideal candidate has extensive experience in mobile app development, strong problem-solving skills, and the ability to lead technical initiatives.

### **B. Roles & Responsibilities:**

- Design, develop, and deploy high-quality, scalable, and maintainable mobile applications for iOS and/or Android platforms.
- Write clean, efficient, and well-documented code in languages such as Swift, Kotlin, Objective-C, or Java.
- Implement user interface components, navigation, and data management features.
- Architect and design mobile app solutions, considering performance, security, and scalability requirements.
- Implement best practices and design patterns (e.g., MVC, MVVM, MVP) in mobile app architecture.
- Ensure code reusability and modularity for future maintenance and updates.
- Integrate mobile apps with backend APIs and services to enable data exchange and functionality.
- Implement client-server communication using RESTful APIs, GraphQL, or other protocols.
- Handle asynchronous operations and manage network requests efficiently.
- Write automated unit tests, integration tests, and UI tests to ensure code quality and reliability.
- Perform manual testing and debugging to identify and fix issues reported by QA or end users.
- Conduct code reviews and provide feedback to other developers.
- Monitor mobile app performance metrics and identify areas for optimization.
- Optimize app performance, responsiveness, and battery usage.



- Implement caching mechanisms, lazy loading, and other performance optimization techniques.
- Document technical specifications, architectural designs, and implementation details.
- Collaborate with product managers, designers, and other stakeholders to deliver mobile app features and enhancements.
- Mentor junior developers and share knowledge and best practices within the team.

**C. Educational Qualification:**

Basic: Bachelor's degree in Computer Science / IT or related fields from a recognized university/institute.

Preferred: Master's degree in IT management or related fields from a recognized university/institute.

**D. Desirable Skills & Experience:**

- Minimum 7+ years of experience in mobile app development, with a focus on building and maintaining high-quality, scalable mobile applications.
- Proficiency in mobile app development platforms such as iOS (Swift or Objective-C) and Android (Java or Kotlin), leveraging the latest language features and APIs for building native mobile applications.
- Experience with cross-platform mobile app development frameworks such as React Native, Flutter, or Xamarin, for developing apps that run on multiple platforms with a single codebase.
- Knowledge of mobile app design patterns and architectures such as MVC (Model-View-Controller), MVVM (Model-View-ViewModel), or MVP (ModelView-Presenter), and experience with architectural components and libraries like Android Jetpack or iOS SwiftUI.
- Familiarity with mobile app development tools such as Android Studio, Xcode, or Visual Studio, and proficiency in using debugging and profiling tools for performance optimization and troubleshooting.
- Experience with mobile UI/UX design principles and best practices, and familiarity with design tools such as Sketch, Adobe XD, or Figma for creating app wireframes, mockups, and prototypes.
- Proficiency in integrating third-party libraries and APIs into mobile applications, and experience with popular SDKs and frameworks for features such as authentication, push notifications, and location services.



- Knowledge of mobile app security best practices, and experience with encryption, authentication, and authorization mechanisms to protect sensitive data and secure communication channels.
- Understanding of mobile app testing methodologies and tools such as XCTest, Espresso, Appium, or Detox, for automated functional testing, UI testing, and end-to-end testing of mobile applications.
- Experience with mobile app performance optimization techniques such as code optimization, image optimization, and lazy loading, and familiarity with tools like Android Profiler or Xcode Instruments for performance monitoring and analysis.
- Understanding of mobile app deployment processes and app store guidelines for iOS App Store and Google Play Store, and experience with app submission, review, and release management.





## **7. Job Description: Dashboard /Reports Developer**

### **A. Job Summary:**

The Dashboard /Reports Developer will design and develop interactive, visually appealing dashboards that integrate data seamlessly. Responsibilities include creating, developing, and maintaining accurate, insightful reports tailored to business needs. The ideal candidate should have a strong background in data analysis, report generation, and business intelligence tools. They will ensure reports are accurate and aligned with organizational goals. Strong attention to detail, problem-solving skills, and collaboration with various departments are essential. The role requires staying updated with industry trends and continuously improving reporting processes for data-driven decision-making.

### **B. Roles & Responsibilities:**

- Design, develop, and implement reports using various reporting tools and platforms.
- Analyze data to identify trends, patterns, and insights that can help in decision-making.
- Work with databases to retrieve and manipulate data as needed for report generation.
- Collaborate with stakeholders to understand and document reporting requirements.
- Test reports for accuracy and validate data against source systems.
- Maintain existing reports, perform updates as necessary, and provide technical support for report-related issues.
- Create and maintain documentation for report specifications, processes, and data models.
- Optimize report performance, ensuring efficient data retrieval and processing.
- Train end-users on report functionalities and provide ongoing support.

### **C. Educational Qualifications:**

- Basic: Bachelor's degree in Computer Science / IT or related fields from a recognized university/institute.
- Preferred: Master's degree in IT management or related fields from a recognized university/institute.



**D. Desirable Skills & Experience:**

- Minimum 4+ experience with reporting tools such as SQL, Crystal Reports, SSRS, Tableau, Power BI, or similar
- Proficiency in SQL and database management.
- Strong understanding of data warehousing concepts.
- Experience with ETL processes.
- Familiarity with data visualization best practices
- Excellent analytical and problem-solving skills.
- Strong communication skills, both written and verbal.
- Ability to work independently and as part of a team.
- Detail-oriented with a strong focus on accuracy.
- Certifications in relevant technologies or methodologies.
- Experience with cloud-based data services and solutions.
- Knowledge of advanced analytics and machine learning concepts.



## **8. Job Description: Data Analyst**

### **A. Job Summary:**

The Data Analyst will be responsible for guiding the data analysis process, providing strategic insights, and ensuring data integrity across the organization. He/she will be responsible for operationalizing efforts towards transforming the data management practices of the ministry/department to improve the quality and use of public sector data and catalyse the data-based research and innovation ecosystem. The Data Analysts will be dedicated to the pursuit of building capacity throughout the end-to-end data value chain in Ministries/Departments for the purposes of AI-based innovation. The role requires staying updated with industry trends and continuously improving data-driven decision-making.

### **B. Roles & Responsibilities:**

- Ensure compliance with relevant data policies/guidelines/rules as set forth by the Data Management Office (when established) or any other Government of India agency;
- Streamline data collection practices and systems within the host Ministry/Department/Agency;
- Ensure data integrity and accurate record-keeping by supporting data collection and management efforts (data entry into electronic formats, SOP based data verification);
- Create, maintain, and improve the quality of data repositories for the host Ministry/Department/Agency;
- Perform data analysis for cleaning data, and generation of insights;
- Perform quality assurance checks on datasets;
- Maintain detailed documentation on data management decisions and technical work;
- Work on cross-sectoral initiatives across governments to extract data from data warehouses and other back-end systems;
- Develop data feeds and automated reporting through dashboarding;
- Stay up-to-date with industry trends and best practices in data management, data analysis and visualization;
- Develop and ensure adoption of data storage, archival and deletion SOPs in alignment with relevant government policies/guidelines/rules.



### **C. Educational Qualifications:**

- Basic:
  - ii) Bachelor's degree in computer science/IT or related fields from a recognized university/institute.
- Preferred:
  - iii) Master's degree in IT management or related fields from a recognized university/institute.

### **D. Desirable Skills & Experience:**

- 3+ years of data management and analysis experience, preferably in software or technology industry;
- Familiar with cleaning, coding, merging, and analyzing large and complex quantitative data files in Python, R;
- Detail-oriented with a focus on data quality and accuracy;
- Strong analytical and problem-solving skills;
- Strong experience in building complex SQL queries and schema building Advanced Excel/Google Sheets & Macros knowledge.



## **9. Job Description: UI/UX Designer**

### **A. Job Summary:**

The UI/UX Designer will collaborate with cross-functional teams to understand project requirements and objectives, conduct user research, and create wireframes, prototypes, and high-fidelity designs for web and mobile applications. This role involves developing and maintaining design guidelines, patterns, and libraries to ensure consistent user experiences. The ideal candidate has proven experience in UI/UX design, a strong portfolio, and the ability to work closely with developers to integrate design concepts seamlessly.

### **B. Roles and Responsibilities:**

- Collaborate with cross-functional teams to understand project requirements and objectives.
- Conduct user research to gather insights and define user personas.
- Create wireframes, prototypes, and high-fidelity designs for web and mobile applications.
- Develop and maintain design guidelines, patterns, and libraries for consistent user experiences.
- Iterate designs based on feedback, user testing, and usability studies.
- Work closely with developers to ensure seamless integration of design concepts.
- Stay updated on industry trends, design tools, and emerging technologies.
- Advocate for user-centered design principles throughout the website/app development lifecycle.

### **C. Educational Qualifications:**

- Basic:  
Bachelor's degree in computer science, IT, or related fields from a recognized university/institute.
- Preferred:  
Master's degree in IT management or related fields from a recognized university/institute.

### **D. Required Experience:**

- Minimum of 4+ years of experience in a similar profile.

#### **Essential:**

- Proven experience as a UI/UX designer with a strong portfolio showcasing design projects.
- Proficiency in design and prototyping tools such as Sketch, or Figma.
- Solid understanding of user-centered design principles and design thinking methodologies.
- Ability to translate complex concepts into intuitive and visually appealing designs.



- Strong communication skills to articulate design decisions and rationale.
- Experience working in an agile development environment.

**E. Desirable Skills & Experience:**

- Knowledge of front-end development technologies (HTML, CSS, JavaScript).
- Experience with motion design and animation.
- Familiarity with accessibility standards and guidelines.



## **10. 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 modeling and geoprocessing workflows using scripting languages like Python, R, or JavaScript, and integrating geospatial analysis algorithms and models 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 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.



## 11. Job Description: System Admin/DevOps

### A. Job Summary:

The System Admin/DevOps will lead to improved efficiency, enhanced collaboration between development and operations teams, and more reliable, scalable, and secure system deployments. The DevOps will be responsible for developing and maintaining our infrastructure, deploying applications, automating processes, and ensuring the reliability, scalability, and security of our systems. The ideal candidate will have a strong background in software development, system administration, and experience with DevOps tools and practices.

### B. Roles & Responsibilities:

- Design, build, and maintain scalable and reliable infrastructure using tools such as Terraform, Ansible, or CloudFormation.
- Develop, implement, and manage continuous integration and continuous deployment (CI/CD) pipelines to streamline the software development process.
- Automate repetitive tasks and processes to improve efficiency and consistency using scripting languages such as Python, Bash, or PowerShell.
- Implement and maintain monitoring and logging solutions to ensure system health and performance using tools like Prometheus, Grafana, ELK stack, or Splunk.
- Work closely with development, QA, and operations teams to ensure seamless integration and deployment of applications.
- Implement and maintain security best practices for infrastructure and applications, including vulnerability management, access controls, and incident response.
- Manage cloud infrastructure on platforms such as AWS, Azure, or Google Cloud, ensuring optimal performance and cost efficiency.
- Use configuration management tools like Ansible, Puppet, or Chef to manage system configurations and software deployments.
- Troubleshoot and resolve issues related to system performance, reliability, and security.



- Create and maintain documentation for infrastructure, processes, and procedures.

### **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 Experience & Requirements:**

- Minimum 5+ years of experience in a DevOps, System Administration, or related role.
  - a. Essential:
    - Hands-on experience with CI/CD tools such as Jenkins, GitLab CI, or CircleCI.
    - Experience with containerization and orchestration tools like Docker and Kubernetes.
  - b. Preferred:
    - Proficiency in scripting languages such as Python, Bash, or PowerShell.
    - Strong understanding of networking, security, and system administration.
    - Experience with version control systems, especially Git.
    - Familiarity with infrastructure as code (IaC) tools like Terraform or CloudFormation
    - Excellent problem-solving and troubleshooting skills.
    - Strong communication skills and the ability to work collaboratively.
    - Ability to manage multiple tasks and projects simultaneously.
    - Detail-oriented with a focus on quality and performance.
    - Advanced degree in a related field.
    - Certifications such as AWS Certified DevOps Engineer, Google Professional DevOps Engineer, or Certified Kubernetes Administrator (CKA).
    - Experience with serverless architectures and microservices.
    - Knowledge of advanced security practices and compliance requirements.



## **12. Job Description: Database Admin**

### **A. Job Summary:**

As a Database Admin (DBA), you will play a critical role in designing, implementing, and maintaining database solutions using Redis and PostgreSQL technologies. Your responsibilities will encompass a wide range of tasks, from database design and optimization to ensuring data security and integrity. You will collaborate closely with the web development team to develop backend solutions that seamlessly integrate with frontend web executions. Quality control checks on source code generated by other developers will be part of your routine, ensuring adherence to database policies, procedures, and standards.

### **B. Roles & Responsibilities:**

- **Design and Implementation:** Design and create database objects such as tables, views, sequences, synonyms, and indexes using Redis and PostgreSQL tools like SQL Plus, SQL Developer. Ensure data integrity by implementing integrity constraints and database triggers.
- **Advanced PL/SQL Programming:** Utilize advanced features of Redis or PostgreSQL for PL/SQL programming, including working with records, collections, ref cursors, nested tables, and dynamic SQL. This involves writing efficient and optimized code to meet business requirements.
- **Performance Tuning:** Perform performance tuning for PostgreSQL RDBMS using techniques such as explain plan and hints. Identify and resolve performance bottlenecks to ensure optimal database performance and responsiveness.
- **Collaboration:** Collaborate with the web development team to develop backend solutions that align with frontend web executions. Ensure seamless integration between the frontend and backend systems, optimizing data flow and processing.
- **Quality Control:** Conduct Quality Control checks on source code generated by other developers, ensuring compliance with database policies, procedures, and standards. Review and provide feedback on database-related code changes to maintain code quality and consistency.
- **Database Management:** Utilize AWS RDS and PostgreSQL for database management, including provisioning, configuration, monitoring, and maintenance. Determine, enforce, and document database policies, procedures, and standards to ensure consistency and security.



- **Data Security and Integrity:** Perform tests and evaluations regularly to ensure data security, privacy, and integrity. Implement encryption, access controls, and auditing mechanisms to safeguard sensitive data and comply with regulatory requirements.
- **Monitoring and Maintenance:** Monitor database performance, implement changes, and apply new patches and versions when required. Proactively identify and address potential issues to maintain high availability and reliability of database systems.

**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 Experience:**

- Minimum 5+ years of experience as a Database Administrator, or related role.

**E. Desirable Skills & Experience:**

- Strong proficiency in SQL and PL/SQL programming, with experience in advanced features and optimization techniques.
- Hands-on experience with database design, implementation, performance tuning, and maintenance.
- Familiarity with AWS RDS and cloud-based database management.
- Excellent problem-solving skills and attention to detail.
- Strong communication and collaboration abilities, with the ability to work effectively in a team environment.
- Knowledge of database security best practices and regulatory compliance requirements.
- Proficient understanding of code versioning tools - Git.
- Experience of working for a government set up/ project is desirable.
- Professional certifications would be a plus.



### **13. Job Description: Tech Support Executive**

#### **A. Job Summary:**

The Tech Support Executive will respond to daily operational needs, avoiding service disruptions, and maintaining coherence to Service Level Agreements (SLA) and information security requirements. This role involves identifying and diagnosing issues, categorizing and recording reported queries, providing solutions, and supporting problem identification. The ideal candidate has experience in software development/testing/operations, strong debugging skills, and good communication abilities.

#### **B. Roles & Responsibilities**

- Respond to daily operational needs and react to them, avoiding service disruptions and maintaining coherence to SLA and information security requirements.
- Identify and diagnose issues and problems.
- Categorize and record reported queries and provide solutions.
- Support problem identification.
- Run monitoring reports for usage, performance, and/or availability.
- Advise users on the appropriate course of action.
- Monitor issues from start to resolution; respond to tickets.
- Escalate, if needed, unresolved problems to a higher level of support.
- Provide essential online security advice and support.
- Monitor the availability of database events like DB availability, instance availability, and the space availability of disk drives and file systems.
- Monitor metric alerts, performance-related issues like high CPU utilization, application performance, high memory utilization, application tuning, and query tuning.
- Acknowledge the request for DB stop/start, user creation, and grant specific data access to users.

#### **C. Educational Qualification:**

- Basic: Bachelor's degree in Computer Science / IT or related fields from a recognized university/institute.
- Preferred: Master's degree in IT management or related fields from a recognized university/institute.

#### **D. Experience:**

##### a) Essential:

- 2+ years of proven experience in software development/testing/operations.
- 1+ years of relevant experience supporting IT operations.
- Good communication skills - verbal and written.
- Good debugging skills.
- Programming knowledge of MySQL/MongoDB, PHP-related technologies.
- Working knowledge of Linux, shell scripting, OS Ticket.

##### b) Preferred Skills & Experience:

- Experience working for a government setup/project.
- Professional certifications would be a plus.



**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  
Digital India Corporation  
Electronics Niketan Annexe,  
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Phone No. 011-24303500, 24360199