



Advt. No. N-21/49/2021-NeGD

## DIGITAL INDIA CORPORATION

A section 8 Company, Ministry of Electronics and Information Technology, Govt. of India  
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Website: [www.dic.gov.in](http://www.dic.gov.in)

### WEB ADVERTISEMENT

18<sup>th</sup> August 2021

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 position for covering fixed project duration purely on Contract/ Consolidated basis.

| Sr. No. | Name of the Positions             | No of Vacancies | Qualifications and Experiences  | Salary per Month (All Inclusive)                      |
|---------|-----------------------------------|-----------------|---|---|
| 1.      | Consultant/ Lead Business Analyst | 01              | Graduation /B.E/ B. Tech. (mandatory) and M. Tech. /MBA (desirable)<br><br>Qualification can be relaxed in case of exceptional candidates | Commensurate to Qualifications, Skills and Experience |
| 2.      | Business Analyst                  | 03              | Graduation/B.E/B. Tech./ MCA<br><b>Desirable:</b> MBA   | Commensurate to Qualifications, Skills and Experience |
| 3.      | Database Administrator            | 01              | B.E/B. Tech./ MCA   | Commensurate to Qualifications, Skills and Experience |
| 4.      | Developer - Database              | 01              | B.E/B. Tech./ MCA   | Commensurate to Qualifications, Skills and Experience |
| 5.      | Developer/Sr. Developer (API)     | 03              | B.E/B. Tech./ MCA   | Commensurate to Qualifications, Skills and Experience |
| 6.      | Developer/Sr. Developer (WSO2)    | 01              | B.E/B. Tech./ MCA   | Commensurate to Qualifications, Skills and Experience |
| 7.      | Development Lead - Backend        | 01              | B.E/B. Tech./ MCA   | Commensurate to Qualifications, Skills and Experience |



|    |                      |    |                   |   |
|----|----------------------|----|-------------------|---|
| 8. | System Administrator | 01 | B.E/B. Tech./ MCA | Commensurate to Qualifications, Skills and Experience |
|----|----------------------|----|-------------------|---|

2. 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.
3. The details can be downloaded from the official website of MeitY & DIC, viz. [www.meity.gov.in](http://www.meity.gov.in) & [www.dic.gov.in](http://www.dic.gov.in)

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

**LAST DATE FOR RECEIPT OF APPLICATIONS: 02<sup>nd</sup> September 2021**



### 1. Job Description- Consultant/ Lead Business Analyst

|                  |                                     |
|------------------|-------------------------------------|
| Division         | NeGD                                |
| No. of Vacancies | 01                                  |
| Function         | On-boarding & Operations Management |
| Project          | UMANG                               |
| Band             | Junior Management                   |
| Reports To       | Senior Consultant/Head PMU          |

#### Job Objective

The job holder will handle the on-boarding of various services of Central/State departments on UMANG and post Go Live will monitor and ensure that services run smoothly on UMANG.

The role would include responsibility of day to day monitoring of the UMANG services which includes department applications, services and components of UMANG and management of partner agencies and other stakeholders and in case of any fault in services he/she has to take up issues with respective stakeholder with a view to restore the services quickly.

#### Primary Responsibilities

##### On Boarding:

- Develop relationship with departments to bring their important services on UMANG. Coordinate with concerned Government officials and all vendors to make the chosen services live.

##### Monitoring

- Interact with quality audit partner to monitor testing bugs and their resolution by the implementing agency
- Bring out regular progress assessment reports with qualitative inputs and flagging off any deviations/issues that would need to be looked into by the higher authorities
- Assist in any other work incidental to the monitoring and implementation of UMANG

##### Support

- Coordinate with different central and state agencies whose applications are integrated with UMANG.
- Post delivery of services, keep in touch with departments to resolve any operational issue and endeavor to keep the services up and running
- Develop and manage relationships with integrated departments on UMANG in order to better understand the issues in service delivery and take steps to ensure customer delight.
- Ensure that issues/complaints raised through various channels (including social media, Play stores etc.) are addressed

##### Reporting

- Prepare reports, presentations for both internal and external distribution on project progress
- Assess and support on meeting contractual obligations of partner agencies and any other requirements necessary to department applications on UMANG
- Maintain adherence to project timelines and ensure quality of output/deliverables
- Provide requisite support for necessary audits (SLA, Security etc.) by third party auditor/s

#### Profile

| Education  | Skills & Experience   |
|--|---|
| Graduation /B.E/ B. Tech.(mandatory)<br>and<br>M. Tech. /MBA (desirable)<br><br>Qualification can be relaxed in case of exceptional candidates | <ul style="list-style-type: none"> <li>• 6 year+ (for Consultant) experience in Software/Networking Project Management/Operations, Enterprise-Wide systems integration/implementation projects</li> <li>• MS-Office, MS Project, JIRA etc.</li> <li>• Knowledge of Application Performance Tools (Kibana, Skywalker etc.) would be preferable<br/>PMP/ PMI certification (desirable)</li> </ul> |



## 2. Job Description - Business Analyst

|                         |                       |
|-------------------------|-----------------------|
| <b>Division</b>         | NeGD                  |
| <b>No. of Vacancies</b> | 03                    |
| <b>Project</b>          | UMANG                 |
| <b>Reports To</b>       | Business Analyst Lead |

### Overview

The job holder will be responsible for business analysis of various applications and services of the UMANG platform deployed by NeGD.

He/ She may be used in other projects of Digital India as well, whenever required.

### Roles and Responsibilities

- Using activity diagrams, use cases, scenarios, business analysis, flowcharts, document analysis, requirements gathering, site visits, business process descriptions, interviews, and workflow analysis to document and manage requirements
- Gathering information from multiple sources and critically evaluating it, reconciling conflicts, disseminating high-level information into details and distinguishing user requests from their true needs
- Interpreting business needs and translating them into the application and operational requirement with the help of strong analytical and product management skills
- Liaisoning between technology teams, support teams and departments
- Using standard templates and natural language to develop requirement specifications
- Serving as a channel between the internal-external customers and the software development team through which requirements flow
- Communicating and collaborating proactively with external and internal entities to analyze information, needs and functional requirements and delivering Use Cases, GUI, Screen and Interface designs as and when required

### REQUIRED PROFILE

| Education  | Experience and Skills   |
|--|---|
| Graduation/B.E/B. Tech./ MCA<br><br><b>Desirable:</b><br>MBA | <ul style="list-style-type: none"><li>• Overall 4+ years of development/management experience in medium to large scale IT projects.</li><li>• Good writing and communication skills</li><li>• Hands on experience on project management tools &amp; technologies</li><li>• Excellent documentation skills.</li><li>• Fundamental analytical and conceptual thinking skills.</li><li>• Experience creating detailed reports and giving presentations</li></ul> <p><b>Preferred</b></p> <ul style="list-style-type: none"><li>• Experience of working for a government set up/ project is desirable</li><li>• Professional certifications would be a plus</li></ul> |



### 3. Job Description - Database Administrator

|                         |                  |
|-------------------------|------------------|
| <b>Division</b>         | NeGD             |
| <b>No. of Vacancies</b> | 01               |
| <b>Project</b>          | UMANG            |
| <b>Reports To</b>       | Development Lead |

#### Overview

The job holder will be responsible for database development, administration and operations of the UMANG platform deployed by NeGD and the goal will be to ensure quality and timely delivery and feature roll outs.

He/ She may be used in other projects of Digital India as well, whenever required.

#### Roles and Responsibilities

- Build and maintain database systems with high availability
- Design and implement database in accordance to end users information needs and views
- Define users and enable data distribution to the right user, in appropriate format and in a timely manner
- Use high-speed transaction recovery techniques and backup data
- Minimise database downtime and manage parameters to provide fast query responses
- Provide proactive and reactive data management support and training to users
- Determine, enforce and document database policies, procedures and standards
- Perform tests and evaluations regularly to ensure data security, privacy and integrity
- Monitor database performance, implement changes and apply new patches and versions when required

#### REQUIRED PROFILE

| <b>Education</b>  | <b>Experience and Skills</b>  |
|-------------------|---|
| B.E/B. Tech./ MCA | <ul style="list-style-type: none"><li>• 5+ years of proven database development experience in IT</li><li>• Minimum 3 years of experience as DBA</li><li>• Hands on experience with SQL and NoSQL, sharding, caching, indexing, clustering, replication</li><li>• Excellent knowledge of data backup, recovery, security, integrity</li><li>• Familiarity working with Java, JavaScript, HTML</li><li>• Excellent analytical and organization skills</li><li>• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence</li><li>• Proficient understanding of code versioning tools - Git</li></ul> <p><b>Preferred</b></p> <ul style="list-style-type: none"><li>• Experience of working for a government set up/ project is desirable</li><li>• Professional certifications would be a plus</li></ul> |



#### 4. Job Description - Developer - Database

|                  |                  |
|------------------|------------------|
| Division         | NeGD             |
| No. of Vacancies | 01               |
| Project          | UMANG            |
| Reports To       | Development Lead |

#### Overview

The job holder will be responsible for database development and operations of the UMANG platform deployed by NeGD and the goal will be to ensure quality and timely delivery and feature roll outs.

He/ She may be used in other projects of Digital India as well, whenever required.

#### Roles and Responsibilities

- Provide guidance and support to Application Developers
- Assist with schema design, code review, SQL query tuning
- Modify databases according to requests and perform tests
- Install, tune, implement and upgrade DBMS installations
- Write and deploy SQL patches
- Upgrade and improve application schema and data upgrades
- Process work accurately and in a timely manner
- Proactively and regularly make recommendations for system improvements
- Collate, prepare and present statistical information for internal and external use

#### REQUIRED PROFILE

| Education         | Experience and Skills   |
|-------------------|---|
| B.E/B. Tech./ MCA | <ul style="list-style-type: none"><li>• 5+ years of proven database development experience in IT</li><li>• In-depth understanding of data management (e.g. permissions, recovery, security and monitoring).</li><li>• Minimum 3 years of experience in Postgres and some experience in NoSQL DB like Cassandra</li><li>• Knowledge of software development and user interface web applications</li><li>• Hands on experience with SQL</li><li>• Familiarity working with Java, JavaScript, HTML</li><li>• Excellent analytical and organization skills</li><li>• An ability to understand front-end users requirements and a problem-solving attitude</li><li>• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence</li><li>• Proficient understanding of code versioning tools - Git</li></ul> <p><b>Preferred</b></p> <ul style="list-style-type: none"><li>• Experience of working for a government set up/ project is desirable</li><li>• Professional certifications would be a plus</li></ul> |



## 5. Job Description - Developer/Sr. Developer (API)

|                  |                  |
|------------------|------------------|
| Division         | NeGD             |
| No. of Vacancies | 03               |
| Project          | UMANG            |
| Reports To       | Development Lead |

### Overview

The job holder will be responsible for software development and operations of the UMANG platform deployed by NeGD and the goal will be to ensure quality and timely delivery and feature roll outs.

He/ She may be used in other projects of Digital India as well, whenever required.

### Roles and Responsibilities

- Design, build, deploy and maintain advanced applications and APIs (scalable web services) - REST, SOAP, GraphQL primarily using Java, Hibernate, Spring and Spring Boot etc.
- Collaborate with cross-functional teams to define, design, and ship new features.
- Review and analyze business requirements and provide technical feasibility and estimates
- Work with outside data sources and APIs. Create custom wrappers around them.
- Work on bug-fixing and improving application performance.
- Continuously discover, evaluate, and implement new technologies to maximise development efficiency.
- Work with Postgres and Cassandra as a backend database
- Work with Jenkins and CI tools to automate dev, build, deployment and testing
- Writing Junit/integration test cases to validate the code quality and code coverage
- Work independently and within a team, without too much supervision and help from seniors and tech lead.

### REQUIRED PROFILE

| Education         | Experience and Skills  |
|-------------------|--|
| B.E/B. Tech./ MCA | <ul style="list-style-type: none"><li>• 5+ years of proven software development experience in IT</li><li>• Proficient and should have hands-on experience in Java, Spring and Spring Boot.</li><li>• Minimum 3 years of experience in Spring Boot</li><li>• Must have working knowledge of the general API landscape, architectures, trends, and emerging technologies.</li><li>• Knowledge of modern authorization mechanisms, such as JSON Web Token and OAuth2</li><li>• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence</li><li>• Proficient understanding of code versioning tools - Git</li></ul> <p><b>Preferred</b></p> <ul style="list-style-type: none"><li>• Experience of working for a government set up/ project is desirable</li><li>• Knowledge of Linux, WSO2, Tomcat, Kafka, Nginx, Docker, Kubernetes</li><li>• Professional certifications would be a plus</li></ul> |



## 6. Job Description - Developer/Sr. Developer (WSO2)

|                  |                  |
|------------------|------------------|
| Division         | NeGD             |
| No. of Vacancies | 01               |
| Project          | UMANG            |
| Reports To       | Development Lead |

### Overview

The job holder will be responsible for software development and operations of the UMANG platform deployed by NeGD and the goal will be to ensure quality and timely delivery and feature roll outs.

He/ She may be used in other projects of Digital India as well, whenever required.

### Roles and Responsibilities

- Design, Code, test, debug, implement and document complex WSO2 sequences.
- Design and development of different integration use cases.
- Work with functional and technical customers to determine solutions that drive additional business value.
- Work with Jenkins and CI tools to automate dev, build, deployment and testing
- Implementing service transformation, routing, enrichment and orchestration in WSO2.
- Writing Junit/integration test cases to validate the code quality and code coverage.
- Mentor and support peers and junior staff members through requirements, design and development activities..
- Work independently and within a team, without too much supervision and help from seniors and tech lead.

### REQUIRED PROFILE

| Education         | Experience and Skills   |
|-------------------|---|
| B.E/B. Tech./ MCA | <ul style="list-style-type: none"><li>• 5+ years of proven software development experience in IT</li><li>• Minimum 3 years of experience in WSO2 API Manager</li><li>• Hands-on experience implementing Integration systems in large-scale It platforms (WSO2, WebMethods, etc.) with Java/J2EE background.</li><li>• Strong knowledge of API design and best practices</li><li>• Hands-on experience on WSO2 API Manager, Micro Integrator and Enterprise Integrator</li><li>• Experience in Implementing APIs in WSO2 EI and On-boarding APIs into WSO2 API Manager</li><li>• Strong knowledge in API Modelling languages and annotation (YAML, Swagger, RAML)</li><li>• Must have working knowledge of the general API landscape, architectures, trends, and emerging technologies.</li><li>• Knowledge of modern authorization mechanisms, such as JSON Web Token and OAuth2</li><li>• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence</li><li>• Proficient understanding of code versioning tools - Git</li></ul> <p><b>Preferred</b></p> <ul style="list-style-type: none"><li>• Experience of working for a government set up/ project is desirable</li><li>• Knowledge of Linux, WSO2, Tomcat, Kafka, Nginx, Docker, Kubernetes</li><li>• Professional certifications would be a plus</li></ul> |





## 7. Job Description - Development Lead - Backend

|                  |                                  |
|------------------|----------------------------------|
| Division         | NeGD                             |
| No. of Vacancies | 01                               |
| Project          | UMANG                            |
| Reports To       | Head - Technology and Operations |

### Overview

The job holder will be responsible for leading the software development team for UMANG platform deployed by NeGD and is expected to work closely with senior stakeholders to understand business goals and ensure that the development team & technologies used are aligned with these while also ensuring quality and timely delivery.

He/ She may be used in other projects of Digital India as well, whenever required.

### Roles and Responsibilities

- Working closely with senior stakeholders to understand business requirements and help translate these into technical requirements for the development team
- Planning and documenting technical specifications for features or system design
- Designing, building and configuring applications to meet business process and application requirements
- Directing the development team in the design, development, coding, testing and debugging of applications
- Writing testable, scalable and efficient code and leading code reviews
- Mentoring junior team members and ensuring they adhere to determined software quality standards
- Work with Jenkins and CI tools to automate dev, build, deployment and testing

### REQUIRED PROFILE

| Education         | Experience and Skills  |
|-------------------|--|
| B.E/B. Tech./ MCA | <ul style="list-style-type: none"><li>• 8+ years of proven software development experience in IT</li><li>• Proficient and should have hands-on experience in Java, Hibernate, Springs and Spring boots etc.</li><li>• Minimum 3 years of experience in Spring Boot</li><li>• Must have working knowledge of the general API landscape, architectures, trends, and emerging technologies.</li><li>• Knowledge of modern authorization mechanisms, such as JSON Web Token and OAuth2</li><li>• Experience in database design and management</li><li>• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence</li><li>• Proficient understanding of code versioning tools - Git</li></ul> <p><b>Preferred</b></p> <ul style="list-style-type: none"><li>• Experience of working for a government set up/ project is desirable</li><li>• Knowledge of Linux, WSO2, Tomcat, Kafka, Nginx, Docker, Kubernetes, ELK, Porstgres</li><li>• Professional certifications would be a plus</li></ul> |



## 8. Job Description - System Administrator

|                  |                   |
|------------------|-------------------|
| Division         | NeGD              |
| No. of Vacancies | 01                |
| Project          | UMANG             |
| Reports To       | Middle Management |

### Overview

The job holder will be responsible for the System Administration of UMANG platform deployed by NeGD and the goal will be to ensure that our technology infrastructure runs smoothly and efficiently.

He/ She may be used in other projects of Digital India as well, whenever required.

### Roles and Responsibilities

- Perform server administration tasks, including user/group administration, security permissions, group policies, research event log warnings and errors, and resource monitoring, ensuring system architecture components work together seamlessly
- Install and configure software, hardware and networks
- Monitor system performance and troubleshoot issues
- Ensure security and efficiency of IT infrastructure
- Diagnose and resolve problems quickly
- Communicate with a variety of interdisciplinary teams and users.
- Upgrade systems with new releases and models
- Develop expertise to train staff on new technologies
- Build an internal knowledge center with technical documentation, manuals and IT policies

### REQUIRED PROFILE

| Education          | Experience and Skills   |
|--------------------|---|
| B.E/B. Tech. / MCA | <ul style="list-style-type: none"><li>• 8+ years of proven work experience in IT</li><li>• Experience with or knowledge of programming languages and operating systems; current equipment and technologies, enterprise backup and recovery procedures, system performance-monitoring tools, active directories, virtualization, HTTP traffic, content delivery, and caching etc.</li><li>• Experience in project management, application design and integration, and cloud computing (specifically NIC Cloud and AWS)</li><li>• Expertise in creating, analyzing, and repairing large-scale distributed systems</li><li>• Creating volumes, assigning to servers and remote replication</li><li>• Experience with databases, networks (LAN, WAN) and patch management</li><li>• Knowledge of Linux system administration, WSO2, Tomcat, Redis, Kafka, Nginx, Docker, Kubernetes</li></ul> <p><b>Preferred</b></p> <ul style="list-style-type: none"><li>• Experience of working for a government set up/ project is desirable</li><li>• Professional certifications would be a plus</li></ul> |



## General Conditions Applicable To All Applicants Covered Under This Advertisement

1. For each post, a separate application is necessary. The candidate should clearly mention the post and post code on the sealed envelope / email of the application.
2. 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.
3. The years of experience mentioned as requirement shall be of post-qualification for all posts.
4. 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.
5. This position is 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.
6. 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.
7. 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.
8. In case of a query, the following officer may be contacted

**Mr. GAURAV SHARMA**  
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