



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

DIGITAL INDIA CORPORATION

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WEB ADVERTISEMENT

17th September 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.	Developer/ Sr. Developer (Backend - Core)	02	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
2.	Developer/ Sr. Developer (Full stack)	02	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
3.	Lead (Business Intelligence)	01	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
4.	Developer/ Sr. Developer (Business Intelligence)	01	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
5.	Technical Architect	01	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
6.	System Security Consultant	01	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
7.	Technical Support Lead	01	Graduation/B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience



8.	Technical Support Analyst	03	Graduation/B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
9.	Quality Analyst	04	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
10.	Quality Analyst Lead	01	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
11.	Product Manager	01	B.E/B. Tech./ MCA/ MBA	Commensurate to Qualifications, Skills and Experience
12.	UX Designer	01	Graduation/B.E/B. Tech./B.Des Desirable: Certification UX Design (e..g. Google)	Commensurate to Qualifications, Skills and Experience
13.	UI Designer	01	Graduation/B.E/B. Tech./B.Des Desirable: Certification UX Design (e..g. Google)	Commensurate to Qualifications, Skills and Experience
14	Consultant/ Lead Business Analyst	01	Graduation /B.E/ B. Tech. (mandatory) and M. Tech. /MBA (desirable) Qualification can be relaxed in case	Commensurate to Qualifications, Skills and Experience
15	Business Analyst	03	Graduation/B.E/B. Tech./ MCA Desirable: MBA	Commensurate to Qualifications, Skills and Experience
16.	Database Administrator	01	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
17.	Developer - Database	01	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
18.	Developer/Sr. Developer (API)	03	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
19.	Developer/Sr. Developer (WSO2)	01	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience



20.	Development Lead - Backend	01	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
21.	System Administrator	01	B.E/B. Tech./ MCA	Commensurate to Qualifications, Skills and Experience
22.	Assistant Manager- AI conversational	01	Graduation/B.E/B. Tech. Desirable: Post Graduation: M. Tech. / MCA / MBA	Commensurate to Qualifications, Skills and Experience
23.	Developer- RAS	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 & www.dic.gov.in

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

LAST DATE FOR RECEIPT OF APPLICATIONS: Open - “First come first serve basis”



1. Job Description- Developer/ Sr. Developer (Backend - Core)

Division	NeGD
No. of Vacancies	02
Function	Software Development
Project	UMANG
Band	Junior Management
Reports To	Development Lead

Job Objective

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.

Primary 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 (other DBs may be added on to the stack)
- Work with Kafka as message broker and Redis
- 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.

Profile

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



2. Job Description - Developer / Sr. Developer (Full Stack)

Division	NeGD
No. of Vacancies	02
Project	UMANG
Reports To	Development Lead

Overview

The job holder will be responsible for full stack 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 core 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 (other DBs may be added on to the stack)
- Work on complex frontends built on Angular and React javascript frameworks
- 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
<ul style="list-style-type: none">• B.E/B. Tech./ MCA	<ul style="list-style-type: none">• 5+ years of proven software development experience in IT• Proficient and should have hands-on experience in Java, Spring and Spring Boot.• Hands-on experience of working on Angular/React javascript frameworks• Must have working knowledge of backend architectures, trends, and emerging technologies.• Knowledge of modern authorization mechanisms, such as JSON Web Token and OAuth2• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence <p><u>Preferred</u></p> <ul style="list-style-type: none">• Proficient understanding of code versioning tools - Git Preferred• Experience of working for a government set up/ project is desirable• Additional Knowledge of Linux, WSO2, Docker, Kubernetes• Professional certifications would be a plus



3. Job Description - Lead (Business Intelligence)

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

Overview

The job holder will be responsible to develop, deploy, and maintain BI tools and interfaces for the UMANG platform deployed by NeGD. This role has overall responsibility in providing relevant foresight, drilled down qualitative analysis and insights for better decision making.

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

Roles and Responsibilities

- Coordinate activities with other teams to design, develop, and maintain business intelligence (BI) applications and tools.
- Design data visualizations, create technical documentation, and non-technical presentation materials to communicate ideas and solutions
- Deliver analysis and/or investigate on every KPI and identify high risk areas and opportunities
- Understand how the data is generated throughout the systems (when and how / during which processes and activities / data flows)
- Assist with identifying, researching, and resolving technical problems; Be a mentor in terms of technical aspects for team members (where necessary)
- Hands-on development to achieve delivery timelines and requirements
- Work independently and within a team, without too much supervision and help from seniors

REQUIRED PROFILE

Education	Experience and Skills
B.E./B. Tech./ MCA	<ul style="list-style-type: none">• 8+ years of proven software development experience in IT• 4+ years of experience in design, development and deployment of BI tools and interfaces and handling Big Data• Proficient and should have hands-on experience in Apache.Spark, Cassandra, Postgres, Redash• In-depth understanding of database management systems, online analytical processing (OLAP) and ETL (Extract, transform, load) framework• Experience with SQL and NoSQL databases• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence <p><u>Preferred</u></p> <ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• Knowledge of Kafka, Redis• Knowledge of ML - Clustering, Recommendations System will be big plus• Professional certifications would be a plus



4. Job Description - Developer/Sr. Developer (Business Intelligence)

Division	NeGD
No. of Vacancies	01
Project	UMANG
Reports To	Lead - Business Intelligence

Overview

The job holder will be responsible to develop, deploy, and maintain BI tools and interfaces for the UMANG platform deployed by NeGD.

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

Roles and Responsibilities

- Design, build and deploy BI solutions (e.g. reporting tools, dashboards)
- Maintain and support data analytics platform - Apache Spark, Cassandra, Postgres, Redash
- Create tools to store data (e.g. OLAP cubes)
- Conduct unit testing and troubleshooting
- Evaluate and improve existing BI systems
- Collaborate with teams to integrate various systems and components from which the data flows
- Develop and execute complex database queries and conduct analyses
- Create visualizations and reports for requested projects
- Develop and update technical documentation
- Continuously discover, evaluate, and implement new technologies to maximise development efficiency.
- Work with Jenkins and CI tools to automate dev, build, deployment and testing
- 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">• 5+ years of proven software development experience in IT• 3+ years of experience in design, development and deployment of BI tools and interfaces• Proficient and should have hands-on experience in Apache.Spark, Cassandra, Postgres, Redash• In-depth understanding of database management systems, online analytical processing (OLAP) and ETL (Extract, transform, load) framework• Experience with SQL and NoSQL databases• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence• Proficient understanding of code versioning tools - Git <p><u>Preferred</u></p> <ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• Knowledge of Kafka, Redis• Knowledge of ML - Clustering, Recommendations System will be big plus• Professional certifications would be a plus



5. Job Description - Technical Architect

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

Overview

The job holder will be responsible to design the structure of our IT systems for UMANG platform and oversee programs to ensure the proper architecture is implemented.

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
- Breaking down large scale projects into manageable chunks
- Working out which IT products to use based on research and implementation feasibility
- Explaining to designers and developers what's required and overseeing the progress
- 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 and development,
- Mentoring junior team members

REQUIRED PROFILE

Education	Experience and Skills
B.E./B. Tech./ MCA	<ul style="list-style-type: none">• 10+ years of proven software development experience in IT• Proven experience as a Technical Architect• Hands-on experience with software development and system administration• Understanding of strategic IT solutions• Proficient and should have hands-on experience in Java Technology Stack, Hibernate, Spring and Spring Boot etc• Knowledge of Linux, WSO2, Tomcat, Kafka, Nginx, Docker, Kubernetes, ELK, Postgres• Experience in cloud technologies and deployment• Excellent communication skills• Must have working knowledge of the general API landscape, architectures, trends, and emerging technologies.• Experience in database design and management• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence <p>Preferred</p> <ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• Professional certifications would be a plus



6. Job Description - System Security Consultant

Division	NeGD
No. of Vacancies	01
Project	UMANG
Reports To	Head - Quality and Security

Overview

The job holder will be responsible to work closely with development teams) to ensure that UMANG platform is secure. He/ She may be used in other projects of Digital India as well, whenever required.

Roles and Responsibilities

- Participate in and support application security reviews and threat modeling, including code review and dynamic testing
- Own and perform application security vulnerability management
- Regularly perform security checks and troubleshooting
- Identify problems in a timely manner
- Suggest and implement solutions for improvement
- Track existing processes and offer solutions for improvement
- Implement new processes with the goal to optimize company's security system
- Support and consult with product and development teams in the area of application security
- Assist in creation of security training.
- Assist in development of automated security testing to validate that secure coding best practices are being used
- Perform regular audits and provide reports
- Monitor company's server traffic and tickets

REQUIRED PROFILE

Education	Experience and Skills
B.E/B. Tech./ MCA	<ul style="list-style-type: none">• 8+ years of proven software development and testing experience in IT• 4+ years of experience in the field of System Security or similar role• Certification, such as CCNA or OWSE• Knowledge of potential attack vectors such as XSS, injection, hijacking, social engineering, and so on• Knowledge of networking protocols, such as TCP/IP• Knowledge and experience with HTTP and HTTPS, as well as their underlying implementations• Knowledge of Content Delivery Networks• Basic programming knowledge <p><u>Preferred</u></p> <ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable



7. Job Description - Technical Support Lead

Division	NeGD
No. of Vacancies	01
Project	UMANG
Reports To	Head - Quality and Security

Overview

The job holder will be responsible for providing technical support for day-to-day operations 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

- Responsible for day-to-day management, resource planning and work allocation to meet service levels
- Ensure that tracking and monitoring of performance of service delivery through all channels is carried out, metrics and reports are analyzed, and issues are resolved
- Take ownership of all queries, Identify and highlight issues to relevant departments for resolution and follow through until resolved
- Draft and maintain policy, standards and procedures for technical support
- Implement new tools and functionalities that support changing requirements
- Contribute to our continuous improvement and continuous delivery
- Continually focus on enhancing the performance of the applications
- Work effectively in collaboration with other team members

REQUIRED PROFILE

Education	Experience and Skills
Graduation/B.E/B. Tech./ MCA	<ul style="list-style-type: none">• 8+ years of proven experience in software development/testing/operations• 4+ years of relevant experience of supporting IT operations• Applied knowledge in application security, DevOps• Working knowledge of API development• Working knowledge of SQL, Java related technologies• Working knowledge of Linux, shell scripting, OS Ticket• Good communication skills - verbal and written <p>Preferred</p> <ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• Professional certifications would be a plus



8. Job Description - Technical Support Analyst

Division	NeGD
No. of Vacancies	03
Project	UMANG
Reports To	Lead - Technical Support

Overview

The job holder will be responsible for providing technical support for day-to-day operations 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

- 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 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 the Database events like DB availability, Instance availability and the space availability of disk drives and file systems.
- Monitor the 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 user
- Work in shifts to ensure 24x7 uptime of the platform

REQUIRED PROFILE

Education	Experience and Skills
Graduation/B.E /B. Tech./ MCA	<ul style="list-style-type: none">• 5+ years of proven experience in software development/testing/operations• 2+ years of relevant experience of supporting IT operations• Good communication skills - verbal and written• Good debugging skills• Working knowledge of SQL, Java related technologies• Working knowledge of Linux, shell scripting, OS Ticket <p><u>Preferred</u></p> <ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• Professional certifications would be a plus



9. Job Description - Quality Analyst

Division	NeGD
No. of Vacancies	04
Project	UMANG
Reports To	Quality Analyst Lead

Overview

The job holder will be responsible for software testing and maintaining quality of the UMANG platform deployed by NeGD and the goal will be to ensure quality of various UMANG components/sub-components.

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

Roles and Responsibilities

- Write clear and comprehensive test plans
- Derive /write test cases, use cases from scenarios for the new feature additions in the product.
- Anticipate/Identify and collect test data related to test cases if needed.
- Execute all the test cases and report defects, define severity and priority for each defect
- Investigate product quality in order to make improvements to achieve better customer satisfaction.
- Verify the fixed defects and track them to closure.
- Perform Exploratory, Sanity and Regression testing as per requirement
- Maintain documentation related to test cases per feature.
- Replicate issues raised by the other teams
- 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">• 5+ years of proven software development and testing experience in IT• 3+ years of experience in mobile and web app functional testing• Hands-on experience with functional testing• Hands-on experience with automated testing using Selenium or any other language is a plus• Proficient understanding of software QA methodologies• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence• Proficient understanding of code versioning tools - Git <p><u>Preferred</u></p> <ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• Knowledge of Linux, shell scripting• Professional certifications would be a plus



10. Job Description - Quality Analyst Lead

Division	NeGD
No. of Vacancies	01
Project	UMANG
Reports To	Head - Quality and Security

Overview

The job holder will be responsible for software testing and maintaining quality of the UMANG platform deployed by NeGD and the goal will be to ensure quality of various UMANG components/sub-components.

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

Roles and Responsibilities

- Establish and evolve formal QA processes, ensuring that the team is using industry-accepted best practices
- Oversee all aspects of quality assurance including establishing metrics, applying industry best practices, and developing new tools and processes to ensure quality goals are met
- Act as key point of contact for all QA aspects of releases, providing QA services and coordinating QA resources internally and externally
- Lead and mentor QA team members, as well as manage outside testers
- Develop and execute test cases, scripts, plans and procedures (manual and automated)

REQUIRED PROFILE

Education	Experience and Skills
B.E/B. Tech./ MCA	<ul style="list-style-type: none">• 8+ years of proven software development and testing experience in IT• 4+ years of experience in QA role• Hands-on experience with functional testing• Hands-on experience with automated testing using Selenium or any other language is a plus• Proficient understanding of software QA methodologies• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence• Proficient understanding of code versioning tools - Git <p><u>Preferred</u></p> <ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• Knowledge of Linux, shell scripting• Professional certifications would be a plus



11. Job Description - Product Manager

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

Overview

The job holder will be responsible for designing frontend interfaces and interaction designs 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

- Gain a deep understanding of customer experience, identify and fill product gaps and generate new ideas that increase adoption and usage, improve overall user experience and drive growth
- Lead the UI/UX team to carry out UX research, creation of wireframes and prototypes and information architecture for different types of frontend interfaces
- Create UI and UX design guidelines and standards that can be used to improve the overall User Experience of these applications
- Handhold different departments to implement these guidelines.
- Lead team for UX design of different frontend interfaces of UMANG.
- Provide guidance to the development team for development, testing and deployment of reusable component repositories in different languages and libraries (Javascript - React, Vue, Angular, Svelte etc, HTML, CSS, Mobile Apps - Android, iOS, React Native etc., Bot frontends)
- The job holder will also be responsible for monitoring and reporting the progress of the project implementation to relevant stakeholders and highlighting and mitigating risks especially w.r.t design and technology.
- Translate business requirements to product design, development, and execution.
- Collect, organize, analyze, and disseminate significant amounts of information with attention to detail
- Discuss and communicate capabilities, opportunities, and recommendations to both technical and non-technical audiences
- Liaise & coordinate with internal NeGD teams and relevant external agencies to come up with solutions for critical problems and issues being faced during implementation
- Perform product demos to customers

REQUIRED PROFILE

Education	Experience and Skills
B.E/B. Tech./ MCA/MBA	<ul style="list-style-type: none">• 8+ years of proven software development experience in IT• Demonstrated success defining and launching excellent products• Knowledge and experience of creating and implementing design systems• Must have working knowledge of the product landscape, emerging trends, tools and technologies• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence• Proficient understanding of code versioning tools - Git <p><u>Preferred</u></p> <ul style="list-style-type: none">• Professional certifications would be a plus



12. Job Description - UX Designer

Division	NeGD
No. of Vacancies	01
Project	UMANG
Reports To	Product Manager

Overview

The job holder will be responsible for designing frontend interfaces and interaction designs of the UMANG frontend.

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

Roles and Responsibilities

- Carry out UX research, creation of wireframes and prototypes and information architecture for different types of applications
- Create UI and UX design guidelines and standards that can be used to improve the overall User Experience of these applications
- Handhold different departments integrated with to while implementing these guidelines
- Translating business requirements to product design
- Collect, organize, analyze, and disseminate significant amounts of information with attention to detail
- Discuss and communicate capabilities, opportunities, and recommendations to both technical and non-technical audiences
- Work with UI designers to implement attractive designs
- Liaise & coordinate with internal NeGD teams and relevant external agencies to come up with solutions for critical problems and issues being faced during implementation

REQUIRED PROFILE

Education	Experience and Skills
Graduation/B.E /B. Tech./B.Des Desirable: Certification UX Design (e..g. Google)	<ul style="list-style-type: none"> • 5+ years of proven UI/UX designer • 2+ years experience if UX Design - Interaction, Visual and Motion design • Proficient and should have hands-on experienceUX design tools such as AdobeXD, Figma etc.. • Must have working knowledge of the UX landscape, emerging trends, tools and technologies • Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence • Proficient understanding of code versioning tools - Git



13. Job Description - UI Designer

Division	NeGD
No. of Vacancies	01
Project	UMANG
Reports To	Product Manager

Overview

NeGD is looking for experienced and talented UI designers to design and shape user-centric products and experiences. The job holder will be responsible for designing frontend interfaces, social media content and other digital content of the UMANG.

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

Roles and Responsibilities

- Plan and implement new user interface designs and changes in current designs of UMANG's frontend interfaces on mobile and web
- Create elements of visual designs, style guides while working with UX team to create wireframes and prototypes for web and mobile interfaces
- Create UI guidelines and standards (color scheme, typography, other visual elements) that can be used to improve the overall UI of the applications
- Handhold different departments integrated with to while implementing these guidelines
- Translating business requirements and create visual designs accordingly
- Collect, organize, analyze, and disseminate significant amounts of information with attention to detail
- Discuss and communicate capabilities, opportunities, and recommendations to both technical and non-technical audiences
- Work with UX designers to implement attractive designs
- Liaise & coordinate with internal NeGD teams and relevant external agencies to come up with solutions for critical problems and issues being faced during implementation

REQUIRED PROFILE

Education	Experience and Skills
Graduation/B.E /B. Tech./B.Des Desirable: Certification UX Design (e..g. Google)	<ul style="list-style-type: none"> • 5+ years of proven UI/UX designer • 2+ years experience if UI Design • Proficient and should have hands-on experience UI design tools such as AdobeXD, Figma etc.. • Must have working knowledge of the UI/UX landscape, emerging trends, tools and technologies • Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence • Proficient understanding of code versioning tools - Git



14. Job Description - Consultant/ Lead Business Analyst

Division	NeGD
No. of Vacancies	01
Project	UMANG
Reports To	Senior Consultant/Head PMU

Overview

The job holder will handle the on-boarding of various services of Central/State departments onUMANG 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.

Roles and 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

REQUIRED PROFILE

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



15. Job Description - Business Analyst

Division	NeGD
No. of Vacancies	03
Project	UMANG
Reports To	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 Desirable: MBA	<ul style="list-style-type: none"> • Overall 4+ years of development/management experience in medium to large scale IT projects. • Good writing and communication skills • Hands on experience on project management tools & technologies • Excellent documentation skills. • Fundamental analytical and conceptual thinking skills. • Experience creating detailed reports and giving presentations <p>Preferred</p> <ul style="list-style-type: none"> • Experience of working for a government set up/ project is desirable • Professional certifications would be a plus



16. Job Description - Database Administrator

Division	NeGD
No. of Vacancies	01
Project	UMANG
Reports To	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

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



17. 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">• 5+ years of proven database development experience in IT• In-depth understanding of data management (e.g. permissions, recovery, security and monitoring.• Minimum 3 years of experience in Postgres and some experience in NoSQL DB like Cassandra• Knowledge of software development and user interface web applications• Hands on experience with SQL• Familiarity working with Java, JavaScript, HTML• Excellent analytical and organization skills• An ability to understand front-end users requirements and a problem-solving attitude• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence• Proficient understanding of code versioning tools - Git <p>Preferred</p> <ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• Professional certifications would be a plus



18. 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">• 5+ years of proven software development experience in IT• Proficient and should have hands-on experience in Java, Spring and Spring Boot.• Minimum 3 years of experience in Spring Boot• Must have working knowledge of the general API landscape, architectures, trends, and emerging technologies.• Knowledge of modern authorization mechanisms, such as JSON Web Token and OAuth2• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence• Proficient understanding of code versioning tools - Git <p>Preferred</p> <ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• Knowledge of Linux, WSO2, Tomcat, Kafka, Nginx, Docker, Kubernetes• Professional certifications would be a plus



19. 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"> ● 5+ years of proven software development experience in IT ● Minimum 3 years of experience in WSO2 API Manager ● Hands-on experience implementing Integration systems in large-scale It platforms (WSO2, WebMethods, etc.) with Java/J2EE background. ● Strong knowledge of API design and best practices ● Hands-on experience on WSO2 API Manager, Micro Integrator and Enterprise Integrator ● Experience in Implementing APIs in WSO2 EI and On-boarding APIs into WSO2 API Manager ● Strong knowledge in API Modelling languages and annotation (YAML, Swagger, RAML) ● Must have working knowledge of the general API landscape, architectures, trends, and emerging technologies. ● Knowledge of modern authorization mechanisms, such as JSON Web Token and OAuth2 ● Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence ● Proficient understanding of code versioning tools - Git <p style="margin-left: 20px;">Preferred</p> <ul style="list-style-type: none"> ● Experience of working for a government set up/ project is desirable ● Knowledge of Linux, WSO2, Tomcat, Kafka, Nginx, Docker, Kubernetes ● Professional certifications would be a plus



20. 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">• 8+ years of proven software development experience in IT• Proficient and should have hands-on experience in Java, Hibernate, Springs and Spring boots etc.• Minimum 3 years of experience in Spring Boot• Must have working knowledge of the general API landscape, architectures, trends, and emerging technologies.• Knowledge of modern authorization mechanisms, such as JSON Web Token and OAuth2• Experience in database design and management• Experience working in an Agile development environment using methodologies like Scrum and tools like JIRA, Confluence• Proficient understanding of code versioning tools - Git <p>Preferred</p> <ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• Knowledge of Linux, WSO2, Tomcat, Kafka, Nginx, Docker, Kubernetes, ELK, Porstgres• Professional certifications would be a plus



21. 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"> • 8+ years of proven work experience in IT • 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. • Experience in project management, application design and integration, and cloud computing (specifically NIC Cloud and AWS) • Expertise in creating, analyzing, and repairing large-scale distributed systems • Creating volumes, assigning to servers and remote replication • Experience with databases, networks (LAN, WAN) and patch management • Knowledge of Linux system administration, WSO2, Tomcat, Redis, Kafka, Nginx, Docker, Kubernetes <p>Preferred</p> <ul style="list-style-type: none"> • Experience of working for a government set up/ project is desirable • Professional certifications would be a plus



22. Job Description - Assistant Manager- AI Conversational

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

Overview

The objective of this job is to assist NeGD program management of various implementations under the UMANG project (primarily UMANG Conversational AI Platform and Chat & Voice Bots).

UMANG - Conversational AI project is currently under design and development stage and will be deployed to production in 3-4 months.

The job holder may be used in other projects of Digital India as well, whenever required, on the directions of P&CEO, NeGD.

Roles and Responsibilities

- Managing the project in best practice manner including planning, developing, executing & scheduling to ensure successful & timely completion of targets under the project.
- Managing resources, funds etc related to UMANG - Conversational AI project.
- Identify & managing project risks & devise solution to problems
- Analyzing project data & critical success factors to identify trends & inefficiency to mitigate risks.
- Provide roadmaps & provide periodic recommendation to project manager,
- Facilitate training, meeting, vendor management documentation, data collection, presentation and conducting evaluation & follow up studies.
- Develop and establish a suitable program monitoring framework under guidance from NeGD leadership.
- Ensure that the deliveries under the project are in alignment with the overall objectives.

REQUIRED PROFILE

Education	Experience and Skills
Graduation/B.E /B. Tech. Desirable: Post Graduation: M. Tech. / MCA / MBA	<ul style="list-style-type: none">• Overall 6-8 years of development/management experience in medium to large scale IT projects.• 2 to 4 years experience implementing cloud enabled applications. Experience of deployment and management on AWS, Docker, Kubernetes• 1 to 2 years' experience in implementation of Chat/Voice Bots, Conversational AI Platforms will be preferred.• Hands on experience on project management tools & technologies including open sources• Experience of working for a government set up/ project is desirable



23. Job Description - Developer/Sr. Developer (Full Stack)- RAS

Division	NeGD
No. of Vacancies	01
Project	Rapid Assessment System (RAS)
Reports To	Development Lead

Overview

The job holder will be a full stack developer for platforms such as RAS (Rapid Assessment System). RAS is a platform for getting online feedback from citizens on e-services provided by Governments across the country.

The project is currently based on the LAMP (Linux, Apache, MySQL, PHP) stack undergoing several enhancements and will be refactored on MongoDB, NestJS, React, Next JS.

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

Roles and Responsibilities

Front-end

- Develop a flexible and well-structured front-end architecture, along with the APIs to support it.
- Creating sophisticated interfaces for in-browser applications using PHP, JavaScript, HTML and CSS.
- Coding new designs and updating, standardizing and re-factoring existing web applications.
- Work with agile practices, quick iterations, and integration of regular feedback
- Working with data visualization libraries (D3.js, Chart.js etc.)
- Use React.js, Redux and some existing React components to build a single-page application according to a defined UI design.

Back-end

- API design and development (RESTful Services)
- Database design and development - MySQL and NoSql, MongoDB etc.
- Web server technologies like Node.js, J2EE, Apache, Nginx, ISS, etc.
- Working on Frameworks like Express.js/ Hapi.js etc.

REQUIRED PROFILE

Education	Experience and Skills
B.E./B. Tech./ MCA	<ul style="list-style-type: none">• Working experience of API Creation and RESTful services• Experience on MongoDB, Express.js/ Nest.js, React.js, and Node.js Stack• Solid foundation in data structures, algorithms, and system design.• 4 to 6 years of experience in Software Development with 2-3 years in relevant stack• Knowledge in software coding on technologies like modern front-end web applications and technologies (React JS, Angular JS, Node JS, Ember, Backbone, etc.), Java/ J2EE Frameworks and stacks like MEAN etc.• Knowledge of Javascript/ jQuery, HTML5/ CSS, NoSQL, MongoDB is a must• Database administration and management of a hosting environment• Unit testing with Karma/Mocha/Jest etc.• Knowledge of Version controlling with Git



- Experience of working for a government set up/ project is desirable

Preferred

- Experience of working for a government set up/ project is desirable
- Additional Knowledge of Linux, Docker, Kubernetes
- Professional certifications would be a plus

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

Principal Research Scientist & Officer-in-Charge (HR)

Electronics Niketan Annexe,

6-CGO Complex Lodhi Road, New Delhi - 110003

Phone No. 011-24303500, 24360199

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