



Adv. 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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WEB ADVERTISEMENT

22nd February, 2023

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.

Sr. No.	Positions	No. of positions
1.	Security Tester	1
2.	Quality Analyst	1
3.	Development/ Technical Lead	1
4.	Consultant/ Sr. Consultant- On boarding	1
5.	Head of Operations	1
6.	Assistant Manager- Conversational AI BoT	1

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

Screening of applications will be based on qualifications, age, and 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 MeitY & DIC, NeGD viz. www.meity.gov.in & www.dic.gov.in, and www.negd.gov.in

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



1. Job Title- Security Tester

Division	NeGD
Designation	Security Tester
Project	UMANG
Reports To	QA Lead

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.

Job Description

- 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

Essential Qualification	B.E/B. Tech./ MCA or Graduate with relevant Experience
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Required Experience	<ul style="list-style-type: none">● 1+ years of proven software development and testing experience in IT● 0+ 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
Desirable Certifications & Experience	<ul style="list-style-type: none">● Experience of working for a government set up/ project is desirable



2. Job Title- Quality Analyst

Division	NeGD
Designation	Quality Analyst
No. of Vacancies	1
Project	UMANG
Reports To	QA 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.

Job Description

- Write clear and comprehensive test plans
- Design automated test scripts that are reusable
- Maintain documentation related to test cases per feature
- Should be able to understand the requirement and design test procedures and test cases for automated software testing
- Analyzing users stories and/use cases/requirements for validity and feasibility
- 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
- Execute all levels of testing (System, Integration, and Regression)
- Work independently and within a team, without too much supervision and help from seniors and QA lead

Required Profile

Essential Qualification	B.E/B. Tech./ MCA
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Required Experience	<ul style="list-style-type: none">• 2+ years of proven software development and testing experience in IT• 1+ years of experience in mobile and web app functional testing• Hands-on experience with functional testing• Experience with automated testing using Selenium or any other tool 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
Desirable Certifications & Experience	<ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• Professional certifications would be a plus



3. Job Title- Development/Technical Lead - Backend

Division	NeGD
Designation	Development/ Technical Lead
Project	UMANG
Reports To	Head PMU / Addl. Director (UMANG)

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 and when required.

Job Description

- Working closely with senior stakeholders to understand business requirements and help translate these into technical requirements for the development team
- Knowledge of Linux, API Gateway, Tomcat, Kafka, Nginx, Docker, Kubernetes, ELK, Postgres etc.
- 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
- Team handling
- Code review practices
- Proposing new architecture
- Advanced knowledge of software architecture
- Experience with software design and web programming
- High-level project management skills
- Ability to solve complex software system issues
- Conducting system performance tests
- Troubleshooting design flaws and system bottlenecks



Required Profile

Essential Qualification	B.E/ B. Tech./ MCA or Graduate with relevant technical skills & experience
Required Experience	<ul style="list-style-type: none">• 6+ years of proven software development experience in IT; may be relaxed for deserving candidates with exceptional skills/ expertise• Proficient and should have hands-on experience in Java, Hibernate, Spring and Spring boots etc.• 03 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, e.g. Git• Good in solution/ architecture design
Desirable Certifications & Experience	<ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• Professional certifications would be a plus



4. Job Title- Consultant- On Boarding

Division	NeGD
Designation	Consultant/ Sr. Consultant - On Boarding
No. of Vacancies	1
Project	UMANG
Reports To	Head PMU / Addl. Director (UMANG)

Overview

The job holder will handle the on-boarding of various services of Central/ State Government departments on UMANG; monitoring the services post go-live and ensure continuous services availability with intended functionality and good user experience 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.

Job Description

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

Required Profile

Essential Qualification	<ul style="list-style-type: none">• Graduate / B.E/ B. Tech. (mandatory)• M. Tech./ MBA (desirable)
Required Experience	<ul style="list-style-type: none">• 4+/ 6+ years of experience in software/ networking project management/operations, enterprise wide systems integration/ implementation projects; may be relaxed for deserving candidates with exceptional skills/ expertise• MS-Office, MS Project, JIRA etc.• Knowledge of Application Performance Tools (Kibana, Skywalker etc.) would be preferable• PMP/ PMI certification (desirable)• Good written and oral communication skills• Good presentation and analytical skills
Desirable Certifications & Experience	<ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• Professional certifications would be a plus



5. Job Title- Head of Operations

Division	NeGD
Designation	Lead Operations
No. of Vacancies	1
Project	UMANG
Reports To	Head PMU / Addl. Director (UMANG)

Overview

The job holder will be responsible for overall operations and maintenance of the UMANG Platform, ensuring continuous platform and services availability with all implemented functionality and good user experience. Provide guidance, mentoring and technical support for day-to-day operations of the UMANG platform. Ability to diagnose the issues/ faults reported/ observed in a logical/ systematic/ structured manner.

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

- 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 analysed, 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 SoPs (Standard Operation Procedures), guidelines, standards, best practices etc. for regular O&M and technical support
- Implement new tools and functionalities that support changing requirements
- Contribute to continuous improvement, focus on enhancing the platform performance and automation of routine tasks/ activities
- Work effectively in collaboration with other team members

Required Profile

Essential Qualification	Graduation/ B.E/ B. Tech./ MCA
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Required Experience	<ul style="list-style-type: none">• 6+ years of proven experience in software development/ testing/ operations & maintenance of which 4+ years should be in managing IT operations; may be relaxed for deserving candidates with exceptional skills/ expertise• Operations mindset must be there i.e. sense of urgency in resolving the faults/ issues, diagnosis capability, perseverance and zeal for continuous improvement• 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 and presentation skills – oral & written
Desirable Certifications & Experience	<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 Title- Assistant Manager- Conversational AI BoT

Division	NeGD
Designation	Assistant Manager- Conversational AI BoT
No. of Vacancies	1
Project	UMANG
Reports To	Consultant- Product and Technology

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 Beta Testing and Go Live Phase. 100 plus services will be onboarded on the Conversational AI Platform.

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

Role and Responsibilities

- Primarily responsibilities includes AI Bot Training, Bot Accuracy checks on periodic basis, Functional Specific Document (FSD) Review, value addition in upbringing best User Experience.
- To keep hands on as a Conversational Designer expert to analyse and process a user flow over Bot builder Platform
- Managing the project in best practice manner including planning, developing, executing & scheduling to ensure successful & timely completion of targets under the project.
- Managing Bills and vendor payments, 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

Essential Qualification	Graduation/ B.E/ B. Tech./ MCA
Required Experience	<ul style="list-style-type: none">• Overall 4-6 years of development experience in medium to large scale IT projects preferably AI Bot 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
Desirable Certifications & Experience	<ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable• 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. The years of experience mentioned as requirement shall be of post-qualification for all posts.
3. 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.
4. The positions are purely temporary in nature for the project of Digital India Corporation and the appointees shall not derive
5. e 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

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