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Advt. No. DIC/API SETU/09/2024/05

Digital India Corporation
Electronics Niketan Annexe, 6, CGO Complex Lodhi Road,
New Delhi – 110003
Tel.: +91 (11) 24360199, 24301756
Website: www.dic.gov.in

Web Advertisement
09.05.2024

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

Digital India Corporation is currently inviting applications for the following positions purely on Contract/ Consolidated basis for API Setu project:-

Sr. No.	Name of the Post	No. of positions
1.	Full Stack Developers - React and Node JS	9
2.	QA Tester	4
3.	UX Designer	1
4.	Security Engineer	1
5.	Asst. Manager/ Dy. Manager Onboarding Technical	1

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

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

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

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

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National e-Governance Division

1. Job Description: Full Stack Developer (React and Node JS)

A. Job Summary:

- As a Fullstack Developer, you will be working for API Setu platform (www.apisetu.gov.in)
- This job holder will report to the Tech Lead
- You are supposed to undertake several enhancements and will be refactored on MongoDB, NestJS, React, Next JS
- You may be used in other projects of Digital India as well, whenever required

B. **Qualification:** B.E/ B. Tech /MCA

C. Required Experience: 3 to 5 years of experience in Software Development with 1-2 years in relevant stack

D. Roles and Responsibilities:

Front-end development:

- Develop a flexible and well-structured front-end architecture, along with the APIs to support it
- Coding new designs and updating, standardizing and re-factoring existing web applications
- Work with agile practices, quick iterations, and integration of regular feedback
- Use React.js,NextJs, Redux and some existing React components to build a single-page application according to a defined UI design

Back-end development:

- API design and development (RESTful Services)
- Database design and development – MySQL and NoSql, MongoDB etc
- Web server technologies like Node.js
- Working on Frameworks like Express.js/ Nest.js etc

E. Skill set:

Must have skills:

- 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.
- Knowledge in software coding on technologies like modern front-end web applications and technologies (React JS, Angular JS, Node JS, etc.).
- Knowledge of Javascript/ jQuery, HTML5/ CSS, NoSQL, MongoDB is a must
- 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 skills:

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

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2. Job Description: QA Tester

Age Limit: 25-30 Years

A. Job Summary:

- As a QA Tester, you will be responsible for executing test scripts and reviewing results
- Reporting bugs and errors to development teams
- Help troubleshoot issues
- Conduct post-release/ post-implementation testing
- Work with cross-functional teams to ensure quality throughout the development lifecycle

B. **Qualification:** B.E/ B. Tech (computer science, Information Technology, Electronics & Communication), MCA

C. Required Experience: 2-5 years of proven experience as a Quality Assurance Tester or similar role

D. Roles and Responsibilities:

- Reviewing and analyzing system specifications
- Executing test scripts and reviewing results
- Reporting and documenting technical issues
- Review and analyze system specifications
- Develop effective strategies and test plans
- Execute test cases (manual or automated) and analyze results
- Create logs to document testing phases and defects

E. Skill set:

- Experience in project management and QA methodology
- Working knowledge of test management software (e.g. JMeter) and SQL
- Familiarity with Agile frameworks, regression testing and Selenium is a plus
- Ability to document and troubleshoot errors
- Excellent communication skills
- Attention to detail
- Analytical mind and problem-solving aptitude
- Strong organizational skills

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3. Job Description: UX Designer

A. Job Summary:

- As a UX designer, the candidate will be responsible for understanding user needs, designing user interfaces, and creating interactive prototypes for digital products.
- The role will involve collaborating with cross-functional teams to ensure that the user experience aligns with business goals and user expectations.

B. **Qualification:** Bachelor's degree in Design, Human-Computer Interaction, Computer Science, a related field, or equivalent practical experience

C. Required Experience:

- Minimum of 2-5 Years years of experience in User Experience Design, HCI, Interaction, data visualization, or in a similar industry

D. Roles and Responsibilities:

- Present concepts, proposals, and updates to executive stakeholders and translate concepts and interactions into simple, elegant, and coherent designs.
- Manage designs based on customer feedback, tech constraints, and business demands. Partner with and leverage UX research to inform design decisions and validate concepts.
- Create storyboards, service blueprints, wireframes, user flows, mocks, designs, and prototypes to guide design and development.
- Deliver precise, conceptually sound, and visually elegant design specs, working closely with engineers to ensure high quality execution.
- Collaborate with cross-functional partners to understand, define, and explore the problem space.

E. Skill set:

- Minimum of 2-5 Years years of experience in User Experience Design, HCI, Interaction, data visualization, or in a similar industry.
- Experience using UX tools (e.g., Figma, Sketch, Framer, etc.).
- Experience collaborating with Engineers, Content Strategists, and Product Managers throughout the design process.

Preferred skills:

- Experience working across organizational boundaries and collaborating with cross-functional teams.
- Experience designing enterprise, data infrastructure, or high complexity software to design robust enterprise applications.
- Excellent core interaction design skills, knowledge of the user-centered design methodologies, and an understanding of designing for a quality user experience.

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National e-Governance Division

4. Job Description: Security Test Engineer

Age Limit: 25-35 Years

A. Job Summary:

- As a Security Test Engineer, the candidate will be responsible for conducting security audits for web-application security, mobile app security, Network security, and IT infrastructure security as part of the audit team.
- Develop and execute individual audit tasks, preparing detailed reports as required.
- Conduct post-release/ post-implementation testing.
- Prepare VAPT (Vulnerability Assessment & Penetration Testing) reports and assist in finalizing audit reports.

B. **Qualification:** B.E / B.Tech (CS/IT)/ MCA

C. Required Experience:

- 2-5 Years of experience in Vulnerability Assessment and Penetration testing.

D. Roles and Responsibilities:

- Create audit plans, test cases, and scenarios for security audits.
- Document testing phases and defects through logs.
- Defend systems against unauthorized access, modification, and destruction.
- Perform vulnerability and networking scanning assessments.
- Monitor network traffic for unusual activity.
- Configure and support security tools like firewalls, anti-virus software, patch management systems, etc.
- Implement network security policies, application security, access control, and data safeguards.
- Analyze and establish security requirements for networks.
- Train employees in security awareness and procedures.
- Develop and update business continuity and disaster recovery protocols.
- Conduct security audits and make policy recommendations.
- Provide technical security advice

E. Skill set:

- Experienced in Vulnerability Assessment and Penetration testing.
- Project management and QA methodology experience.
- Ability to manually identify vulnerabilities.
- Experience in web application, MobileApp, and network Vulnerability Assessment & Penetration Testing.
- Familiarity with industry standard tools like OWASP ZAP, Nessus, Sqlmap, Acunetix, Nmap, Burp Suite Pro, Netsparker, etc.
- Knowledge of Web Application Security standards such as OWASP/SANS.
- Experience in securing API endpoints, key management, data encryption/decryption.
- Regularly conducting VAPT, documenting security requirements, and implementation plans.

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- Handling breach events and managing systems during such events.
- This position requires a candidate with strong technical skills, experience in security testing methodologies, and a proactive approach to identifying and addressing vulnerabilities.

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5. Job Description: Assistant Manager/Dy. Manager - Onboarding (Technical)

A. Job Summary:

- The job holder will be responsible for onboarding of various applications, services and partners on the API Setu platform deployed by NeGD.
- The job holder will report to the Business Head.
- He/ She may be used in other projects of Digital India as well, whenever required.

B. **Qualification:** B.E/B. Tech./ MCA (MBA would be desirable)

C. Required Experience:

- Overall 3-5 years of development/management experience in medium to large scale IT projects.

D. 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

E. Skill set:

- Overall 3-5 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

Preferred skills:

- Experience of working for a government set up/ project is desirable
- Professional certifications would be a plus

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General Conditions applicable to all applicants covered under this advertisement:

1. Those candidates, who are already in regular or contractual employment under Central / State Government, Public Sector Undertakings or Autonomous Bodies, are expected to apply through proper channel or attach a 'No Objection Certificate' from the employer concerned with the application OR produce No Objection Certificate at the time of interview.

2. Digital India Corporation reserves the right to fill all or some or none of the positions advertised without assigning any reason as it deems fit.

3. The positions are purely temporary in nature for the project of Digital India Corporation and the appointees shall not derive any right or claim for permanent appointment at Digital India Corporation or on any vacancies existing or that shall be advertised for recruitment by Digital India Corporation in future.

4. Digital India Corporation reserves the right to terminate the appointments of all positions with a notice of one month or without any notice by paying one month's salary in lieu of the notice period.

5. The maximum age shall be as on the last date of receipt of the applications. Screening of applications will be based on qualifications, age academic record and relevant experience.

6. In case of a query, the following officer may be contacted:

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Head- HR
Digital India Corporation
Electronics Niketan Annexe,
6 CGO, Complex Lodhi Road,
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Phone No. 011-24303500, 24360199