

N-21/172/2024-NeGD
National e-Governance Division
Digital India Corporation
Electronics Niketan, 6, CGO Complex Lodhi Road,
New Delhi – 110003
Website: www.negd.gov.in / www.dic.gov.in

Web Advertisement - 13.11.24

The National e-Governance Division (NeGD) is an independent business division under the Digital India Corporation, Ministry of Electronics and Information Technology. NeGD has been playing a pivotal role in supporting MeitY in Programme Management and implementation of e-Governance projects and initiatives undertaken by various Ministries/ Departments, both at the Central and State levels.

NeGD has been spearheading several innovative initiatives under the aegis of the Digital India Programme. Those have been developed keeping the vision areas of Digital India at the core- providing digital infrastructure as a core utility to every citizen, governance and services on demand and in particular, digital empowerment of the citizens of our country; some of these initiatives include DigiLocker, UMANG, Poshan Tracker, OpenForge Platform, API Setu, National Academic Depository, Academic Bank of Credits, Learning Management System.

It has myriad roles and responsibilities from supporting Central Line Ministries and State Government Departments on e-Governance projects, reviewing State Action Plans, offering support in technology management, strategy formulation & implementation of Emerging Technologies viz. AI, Blockchain, GIS etc., to facilitating digital diplomacy with focus on Indian startups and products.

NeGD has been a leader in implementation and execution of a gamut of pilot/ infrastructure/ technical/ special projects and support components to framing core policies, project appraisals, R&D, and guiding /conducting assessments, undertaking activities for building capacities of both Government officials and] other stakeholders, and creating mass awareness about schemes and services under the Digital India Programme.

NeGD is currently inviting applications for the following positions purely on Contract basis initially for a period of 2 years which is further extendable as per the requirement of the project.

S.No	Position	Vacancy
1	Frontend Developer	02
2	Backend Developer	02
3	Devops Engineer	01
4	Infra Ops	02
5	Security Tester	02
Total Vacancy		09

* The maximum age limit shall be 55 years on the closing date of receipt of application.

** The place of posting shall be in New Delhi but transferable to project locations of NeGD as per existing policy of NeGD/DIC.

Screening of applications will be based on qualifications, age, and relevant experience. NeGD 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 interviews. NeGD 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 and NeGD, viz. www.dic.gov.in and www.negd.gov.in.

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

Last date for submission of applications will be 04th December 2024

1. Security Tester (Core Backend)

Vacancy Position	:	02
Experience	:	Maximum Budget
1-3 Years	:	Upto 8 LPA
3-5 Years	:	Upto 12 LPA

Overview

The job holder will be designing and implementing security measures to protect computer systems, networks, and data from unauthorized access, attacks, and other security threats, as well as conducting security assessments of existing systems and identifying vulnerabilities or weaknesses that need to be addressed.

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

Roles and Responsibilities

- The security test engineer will be part of the audit team that shall conduct security audits for web-application security, mobile app security, Network security and IT infrastructure security.
- Shall be responsible for the development and execution of the individual audit tasks assigned to them and prepares a detailed report in its regards as desired.
- Conduct post-release/ post-implementation testing.
- Shall prepare VAPT (Vulnerability Assessment & Penetration Testing) reports using defined templates and assist the management for finalization of audit reports.
- Shall prepare the audit plans, test cases, and test scenarios to perform the security audit.
- Create logs to document testing phases and defects.

Essential Qualification

- Graduation/B.E/B. Tech./ MCA or equivalent.
- Qualification can be relaxed in the case of exceptional candidates.

Experience & Skill

- Experience in Vulnerability Assessment and Penetration testing.
- Experience in project management and QA methodology.
- Experience in analysing and in identifying vulnerabilities manually.
- Experience in web application, MobileApp and network Vulnerability Assessment & Penetration Testing.
- Experience in Vulnerability Assessment and Penetration testing using industry standard tools such as Vulnerability Scanners for e.g. OWASP ZAP, Nessus, Sqlmap, Acunetix, Nmap, Burp Suite Pro, Netsparker etc.
- Experience and knowledge of Web Application Security standards such as OWASP/SANS etc.

2. Developer (Frontend & Backend)

Vacancy Position	:	04 (2 Frontend, 2 Backend)
Experience	:	Maximum Budget
5-10 Years	:	Upto 22 LPA

Overview

The job holder will be responsible for the software development 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.
- 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.
- API design and development (RESTful Services).
- 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 to automate dev, build, deployment and testing.

Essential Qualification

- Graduation/B.E/B. Tech./ MCA or equivalent.
- Qualification can be relaxed in the case of exceptional candidates.

Experience & Skill

- Proficient and should have hands-on experience in JavaScript, NodeJS, NestJS and PHP, Python etc.
- Working experience of API Creation and RESTful services.
- Database design and development – MySQL and MongoDB etc.
- Web server technologies like Nodejs, Apache, Haproxy, etc.
- Working on Frameworks like NestJS PHP Framework etc.
- Experience working in an Agile development environment using methodologies tools like JIRA, OpenForge Task Manager.
- Proficient understanding of code versioning tool - Git.
- Experience of working for a government set up/ project is desirable.
- Knowledge of Linux, Docker, ELK.

3. Infra Operations

Vacancy Position	:	02
Experience	:	Maximum Budget
5-10 Years	:	Upto 22 LPA

Overview

The job holder will be responsible for cloud architecting, deployments and monitoring. He/she should possess a deep understanding of cloud computing technologies. Will be responsible for assessing the organization's existing IT infrastructure and identifying opportunities for improvement through cloud migration or hybrid cloud solutions. He/ She may be used in other projects of Digital India as well, whenever required.

Roles and Responsibilities

- Will be responsible for designing scalable and highly available cloud-based solutions that meet business requirements.
- Will be responsible for implementing and deploying the cloud-based solution using cloud services. This includes configuring and managing services such as containers, object storage, CI/CD pipeline, databases (SQL and NoSQL), caching, queuing, clustering, etc. data processing pipeline and others to support the business requirements.
- Will be responsible for implementing and maintaining cloud security solutions that protect data and systems from unauthorized access and other security threats. This includes setting up secure network configurations, implementing access controls, and monitoring for security breaches.
- Will be responsible for monitoring the performance and availability of cloud-based solutions and making recommendations for optimization.
- Will be responsible for establishing and enforcing governance policies and procedures for cloud-based solutions. This includes defining and enforcing compliance requirements, creating and managing user accounts and access permissions, and monitoring cloud usage.
- Will be responsible for creating and maintaining documentation that describes the cloud architecture, design decisions, and implementation details. This documentation should be used to support ongoing maintenance and future development of the cloud-based solution.
- Will work closely with stakeholders, such as developers, project managers, and business stakeholders, to ensure that the cloud-based solutions meet their requirements and provide value to the organization. You will also need to collaborate with other IT teams, such as network and security teams, to ensure that the cloud-based solution integrates with the broader IT environment.
- Understanding of migration to cloud related to Database, filesystems and software application etc.
- Monitor system performance and security and ensure that all systems are up to date with the latest security patches and updates.
- Ensure that data backups are performed regularly and that disaster recovery procedures are in place.
- Ability to work independently and as part of a team.
- Quickly resolve any system/service failures and troubleshoot issues.

Essential Qualification

- Graduation/B.E/B. Tech./ MCA or equivalent.
- Qualification can be relaxed in the case of exceptional candidates.

Experience & Skill

- Experience with a focus on IT infrastructure (both on-premises and public cloud environments).
- Hands-on experience with public cloud infra.
- Extensive experience in executing migrations, both within on-premises environments and to cloud services.
- Strong knowledge of Linux, Tomcat, Nginx, Nginx reverse Proxy, Docker, Kubernetes, AWS ECS, ELK, MariaDB, MongoDB, Redis, HAProxy, Apache reverse Proxy, Maxscale, Git, Jenkins, Rsync, DNS server.
- Proficiency in configuring for RabbitMQ cluster, Redis cluster, ELK cluster, MySQL master slave replication & MongoDB Replications.
- Experience of configuration SSL certificate in Haproxy and AWS Load Balancer.
- Familiarity with network architecture (LAN, WAN).

4. DevOps Engineer

Vacancy Position	:	01
Experience	:	Maximum Budget
5-10 Years	:	Upto 22 LPA

Overview

The job holder will be responsible for leading the software development team for DigiLocker platform deployed by DIC 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

- Understanding customer requirements and project KPIs.
- Implementing various development, testing, automation tools, and IT infrastructure.
- Planning the team structure, activities, and involvement in project management activities.
- Resource Optimization on the Cloud Platform.
- Effective monitoring of the cloud billings and finding ways to efficiently optimize the same.
- Managing stakeholders and external interfaces.
- Setting up tools and required infrastructure.
- Defining and setting development, test, release, update, and support processes for DevOps operation.
- Have the technical skill to review, verify, and validate the software code developed in the project.

Essential Qualification

- B.E/B. Tech./ MCA

Experience & Skills

- Experience in analysing enterprise application performance, determining root cause, and optimising resources up and down the stack.
- Scaling Application Workloads in Linux VMware.
- Demonstrated Technical Qualifications Administering and utilizing Jenkins at scale for build management and continuous integration.
- Very Strong in Kubernetes, Envoy, Consul, Service mesh, API gateway.
- Substantial Knowledge of Monitoring tools like Zipkin, Kibana, Grafana, Prometheus, SonarQube.
- Strong in CI/CD experience using Jenkins.
- Relevant Experience in any cloud platform (AWS/Azure/Google).
- Creating Docker Images and managing Docker Containers Scripting for configuration management (prefer Ansible).
- Experience in Airflow, ELK, Dataflow for ETL.
- Good to have Ansible, Infrastructure-as-code, secrets management, deployment strategies, cloud networking.
- Familiarity with primitives like deployments and cron job.
- Certain Scripting experience in languages like Python/ Java.
- Supporting highly available open-source production applications and tools.

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.** NeGD 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 NeGD/DIC and the appointees shall not derive any right or claim for permanent appointment at NeGD/DIC or on any vacancies existing or that shall be advertised for recruitment by NeGD in future.
- 4.** NeGD 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 designation of the selected candidates shall be mapped as per the existing designation policy of NeGD.
- 6.** In case of a query, the following officer may be contacted:

HR Team

National e Governance Division, 4th Floor,
Electronics Niketan, 6-CGO, Complex Lodhi Road,
New Delhi – 110003
Email: negdhr@digitalindia.gov.in