

N-21013/9/2024-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
06.06.2025

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 year which is further extendable as per the requirement of the project.

S. No	Position	Vacancy
1	AWS Expert	1
2	OM Lead	1
3	DevOps Engineer	1
4	Developer/Sr. Developer (Full Stack)	1
5	Development Lead - Backend	1
6	Tech Lead	1

* 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, www.negd.gov.in.

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

Last date for submission of applications will be: 15.06.2025

1. Job Title: AWS Cloud Expert / AWS Solution Architect

No. of Vacancies	1
Project	UMANG
Location	New Delhi
Qualification	B. Tech / M Tech / MCA or equivalent
Job Category	Contract Basis - Consolidated

Job Description

Cloud Architecture & Design:

- Design and implement scalable, secure, and reliable cloud architectures using AWS services.
- Develop architectural best practices for cloud adoption, including design, implementation, and automation.
- Create and manage cloud infrastructure with Infrastructure as Code (IaC) tools like Terraform, CloudFormation, etc.

Deployment & Management:

- Deploy, manage, and operate scalable, highly available, and fault-tolerant systems on AWS.
- Implement automation tools and frameworks (CI/CD pipelines) for managing cloud environments.
- Manage AWS services like ECS, EKS, API Gateway, EC2, S3, RDS, Lambda, VPC, CloudFront, etc.

Security & Compliance:

- Ensure the security of cloud infrastructure by implementing best practices, including IAM policies, encryption, and security group management.
- Monitor and optimize cloud resources for security, performance, and cost-efficiency.
- Perform regular security assessments and audits of the cloud environment.

Secure Development and Deployment:

- Integrate security into cloud development and deployment.
- Conduct security reviews of architecture, design, and code.
- Automated vulnerability scanning (Nessus, OWASP ZAP)
- Source Code scanner (SonarQube)

Infrastructure Security:

- Implement and manage security AWS, Azure, Google Cloud
- Secure cloud environments (e.g., AWS, Azure, Google Cloud) with appropriate controls and policies.
- Manage and monitor infrastructure AWS inspector, Guard Duty, GCP security command center)

Monitoring and Incident Response:

- Set up and maintain tools for real-time threat monitoring and incident response.
- Analyze and respond to security incidents, ensuring swift resolution.
- Create and test disaster recovery and incident response plans.

Collaboration and Training:

- Work closely with developers to embed security in every stage of the development process.
- Collaborate with business stakeholders to gather and analyze their needs, translating business requirements into cloud-based solutions.
- Act as the liaison between business units, cloud architects, and IT teams, ensuring clear communication and understanding of cloud requirements.
- Responsible for account creation, accounting, billing management
- Conduct security training and workshops for DevOps and development teams.
- Foster a culture of "security as everyone's responsibility."
- Cloud Cost Management: Billing, accounting, Cost Optimization Strategies

Compliance and Best Practices:

- Ensure adherence to security standards (e.g., ISO 27001, SOC 2, PCI DSS, GDPR, DPDP Act).
- Stay updated on industry trends, threats, and best practices in DevSecOps.
- Continuously evaluate and improve the organization's security posture.

Security Risk Analysis and Vulnerability Assessment:

- Identify and prioritize vulnerabilities based on their severity and potential business impact.
- Stay updated on the latest vulnerabilities, exploits, and security trends.
- Recommend and implement security improvements to prevent recurring vulnerabilities.
- Document vulnerabilities with detailed reports, including remediation recommendations.
- Simulate real-world attacks to evaluate the effectiveness of security measures.
- Analyze the results of penetration tests to identify security gaps and potential attack vectors.
- Assess the organization's overall security posture by evaluating risks and potential attack surfaces
- Perform threat modeling to identify high-risk areas that require immediate attention.
- Provide recommendations for risk mitigation based on findings.
- Create detailed reports of findings from vulnerability assessments and penetration tests. actionable remediation steps and recommendations for improvement on findings

Performance Optimization:

- Monitor and analyze system performance, identify potential issues, and implement solutions for continuous improvement.
- Optimize cloud costs by selecting the appropriate AWS services and implementing cost management strategies.

Collaboration & Support:

- Work closely with development teams to ensure that cloud solutions meet business requirements and objectives.
- Provide technical leadership and guidance to junior team members.
- Assist in the migration of applications to cloud and the development of new cloud-native applications.

Required Profile**Required Experience**

- 7+ years of experience in IT industry including 3+ hands-on experience with AWS services and cloud computing.
- Proven experience in designing and deploying AWS-based solutions.
- Experience with DevOps practices and tools, including CI/CD pipelines, Jenkins, Docker, Kubernetes, etc.
- Experience with scripting languages such as Python, Java JavaScript, C#, NodeJS and PowerShell.
- Experience with database management, both SQL and NoSQL.

Desirable Certifications & Experience**Preferred Certifications:**

- AWS Certified Solutions Architect (Associate or Professional).
- AWS Certified DevOps Engineer (optional)

Preferred Skills:

- Strong understanding of networking, security, and cloud architecture best practices.
- Proficient in automation tools like Terraform, CloudFormation, Ansible, etc.
- Excellent problem-solving skills and the ability to work independently.
- Strong communication skills and the ability to collaborate effectively with cross-functional teams.
- Experience with multi-cloud environments.
- Knowledge of monitoring and logging tools (e.g., CloudWatch, ELK stack).
- Experience with serverless architecture and microservices.

2. Job Title: O&M Lead

No. of Vacancies	1
Project	UMANG
Location	New Delhi
Qualification	BE / B. Tech / MCA or equivalent
Job Category	Contract Basis - Consolidated

Overview

The job holder will be responsible for ensuring the platform's seamless operation, efficient maintenance, and adherence to service-level agreements (SLAs). This role requires a technical background, leadership skills, and a commitment to delivering high-quality services to stakeholders.

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

Roles and Responsibilities

Platform Operations Management

- Oversee day-to-day operations of the UMANG platform to ensure uninterrupted service delivery.
- Monitor system performance, identify potential issues, and implement proactive measures to prevent downtime.
- Ensure compliance with SLAs, including uptime, response times, and resolution times.
- Coordinate with cross-functional teams to address operational challenges and optimize platform performance.

Maintenance and Upgrades

- Develop and implement a comprehensive preventive maintenance plan for the platform.
- Manage incidents related to system failures or bugs, ensuring timely resolution.
- Maintain detailed documentation of maintenance activities, configurations, and system changes.

Team Leadership and Coordination

- Lead the team for O&M activities.
- Assign tasks, monitor progress, and provide guidance to team members.
- Foster a collaborative environment to drive innovation and efficiency in operations.

Stakeholder Management

- Act as the primary point of contact for all O&M-related queries from stakeholders.
- Prepare and present regular reports on platform performance, maintenance activities, and incident resolutions.
- Collaborate with external vendors or partners for specialized services or support.
- Gather feedback from users and stakeholders to identify areas for improvement.

Required Profile

Required Experience	<ul style="list-style-type: none">• 8+ years of experience in operations and maintenance roles within IT or digital platforms• Strong knowledge of system monitoring tools, incident management processes.• Excellent leadership skills with experience managing technical teams.• Strong problem-solving abilities with a focus on root cause analysis.
Desirable Certifications & Experience	<ul style="list-style-type: none">• Experience of working for a government set up/ project is desirable.• Professional certifications like ITIL, Prince2, would be a plus.

3. Job Title: DevOps Engineer

No. of Vacancies	1
Project	UMANG
Location	New Delhi
Qualification	B. Tech / M Tech / MCA or equivalent
Job Category	Contract Basis - Consolidated

Job Description

Cloud Architecture & Design:

- Design and implement scalable, secure, and reliable cloud architectures using AWS services.
- Develop architectural best practices for cloud adoption, including design, implementation, and automation.
- Create and manage cloud infrastructure with Infrastructure as Code (IaC) tools like Terraform, CloudFormation, etc.

Deployment & Management:

- Deploy, manage, and operate scalable, highly available, and fault-tolerant systems on AWS.
- Implement automation tools and frameworks (CI/CD pipelines) for managing cloud environments.
- Manage AWS services like ECS, EKS, API Gateway, EC2, S3, RDS, Lambda, VPC, CloudFront, etc.

Security & Compliance:

- Ensure the security of cloud infrastructure by implementing best practices, including IAM policies, encryption, and security group management.
- Monitor and optimize cloud resources for security, performance, and cost-efficiency.
- Perform regular security assessments and audits of the cloud environment.

Secure Development and Deployment:

- Integrate security into cloud development and deployment.
- Conduct security reviews of architecture, design, and code.
- Automated vulnerability scanning (Nessus, OWASP ZAP)
- Source Code scanner (SonarQube)

Infrastructure Security:

- Implement and manage security AWS, Azure, Google Cloud
- Secure cloud environments (e.g., AWS, Azure, Google Cloud) with appropriate controls and policies.
- Manage and monitor infrastructure AWS inspector, Guard Duty, GCP security command center)

Monitoring and Incident Response:

- Set up and maintain tools for real-time threat monitoring and incident response.
- Analyze and respond to security incidents, ensuring swift resolution.
- Create and test disaster recovery and incident response plans.

Collaboration and Training:

- Work closely with developers to embed security in every stage of the development process.
- Collaborate with business stakeholders to gather and analyze their needs, translating business requirements into cloud-based solutions.
- Act as the liaison between business units, cloud architects, and IT teams, ensuring clear communication and understanding of cloud requirements.
- Responsible for account creation, accounting, billing management
- Conduct security training and workshops for DevOps and development teams.
- Foster a culture of "security as everyone's responsibility."
- Cloud Cost Management: Billing, accounting, Cost Optimization Strategies

Compliance and Best Practices:

- Ensure adherence to security standards (e.g., ISO 27001, SOC 2, PCI DSS, GDPR, DPDP Act).
- Stay updated on industry trends, threats, and best practices in DevSecOps.
- Continuously evaluate and improve the organization's security posture.

Security Risk Analysis and Vulnerability Assessment:

- Identify and prioritize vulnerabilities based on their severity and potential business impact.
- Stay updated on the latest vulnerabilities, exploits, and security trends.
- Recommend and implement security improvements to prevent recurring vulnerabilities.
- Document vulnerabilities with detailed reports, including remediation recommendations.
- Simulate real-world attacks to evaluate the effectiveness of security measures.
- Analyze the results of penetration tests to identify security gaps and potential attack vectors.
- Assess the organization's overall security posture by evaluating risks and potential attack surfaces
- Perform threat modeling to identify high-risk areas that require immediate attention.
- Provide recommendations for risk mitigation based on findings.
- Create detailed reports of findings from vulnerability assessments and penetration tests. actionable remediation steps and recommendations for improvement on findings

Performance Optimization:

- Monitor and analyze system performance, identify potential issues, and implement solutions for continuous improvement.
- Optimize cloud costs by selecting the appropriate AWS services and implementing cost management strategies.

Collaboration & Support:

- Work closely with development teams to ensure that cloud solutions meet business requirements and objectives.
- Provide technical leadership and guidance to junior team members.
- Assist in the migration of applications to cloud and the development of new cloud-native applications.

Required Profile

Required Experience

- 7+ years of experience in IT industry including 3+ hands-on experience with AWS services and cloud computing.
- Proven experience in designing and deploying AWS-based solutions.
- Experience with DevOps practices and tools, including CI/CD pipelines, Jenkins, Docker, Kubernetes, etc.
- Experience with scripting languages such as Python, Java JavaScript, C#, NodeJS and PowerShell.
- Experience with database management, both SQL and NoSQL.

Desirable Certifications & Experience

Preferred Certifications:

- AWS Certified Solutions Architect (Associate or Professional).
- AWS Certified DevOps Engineer (optional)

Preferred Skills:

- Strong understanding of networking, security, and cloud architecture best practices.
- Proficient in automation tools like Terraform, CloudFormation, Ansible, etc.
- Excellent problem-solving skills and the ability to work independently.
- Strong communication skills and the ability to collaborate effectively with cross-functional teams.
- Experience with multi-cloud environments.
- Knowledge of monitoring and logging tools (e.g., CloudWatch, ELK stack).
- Experience with serverless architecture and microservices.

4. Job Title: Developer/Sr. Developer (Full Stack)

No. of Vacancies	1
Project	UMANG
Location	New Delhi
Qualification	B.E/B. Tech./ MCA
Job Category	Contract Basis - Consolidated

Job Description

- Design, build, deploy and maintain advanced applications and APIs (scalable web services) - REST, SOAP, 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
- Developing frontend website architecture.
- Designing user interactions on web pages.
- Proficiency with fundamental front-end languages such as HTML, CSS, and JavaScript.
- Familiarity with JavaScript frameworks such as Angular JS, React js
- Work with outside data sources and APIs integration.
- 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 caching database components as 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.
- Must understand messaging queue- Kafka, Rabbit MQ
- Must understand web server – Tomcat, AWS containerization
- Good to have the knowledge of AWS components, cloud front, API Gateway, Athena, ECS, etc.

Required Profile

Required Experience	<ul style="list-style-type: none">• 2+ 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 architecture, 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
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: Development Lead - Backend

No. of Vacancies	1
Project	UMANG
Location	New Delhi
Qualification	BE / B. Tech / MCA or equivalent
Job Category	Contract Basis - Consolidated

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

Required Experience	<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 • 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 • Knowledge of Linux, WSO2, Tomcat, Kafka, Nginx, Docker, Kubernetes, ELK, Porstgres • Professional certifications would be a plus

6. Job Title: Tech Lead	
No. of Vacancies	1
Project	UMANG
Location	New Delhi
Qualification	BE / B. Tech / ME / M Tech / MCA or equivalent
Job Category	Contract Basis - Consolidated

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 leadership 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

- **Technical Leadership:** Guide the engineering team in designing, developing, and maintaining software applications.
- **Architecture & Design:** Define and implement scalable, maintainable, and high-performance system architectures.
- **Code Quality & Best Practices:** Ensure adherence to coding standards, conduct code reviews, and enforce best practices.
- **Team Collaboration:** Work closely with product managers, UX designers, and other teams to align technical solutions with business needs. Act as the primary liaison between stakeholders, project managers, and the development team to align technical goals with business objectives
- **Mentorship & Coaching:** Mentor team members, conduct code reviews, and provide technical guidance. Support and mentor team members.
- **Performance Optimization:** Identify and resolve performance bottlenecks, optimize code, and improve system reliability.
- **CI/CD & DevOps:** Oversee deployment pipelines, automation, and infrastructure to ensure smooth and efficient releases. Strong understanding of RESTful API design principles. Knowledge of CI/CD tools like Jenkins, GitLab CI, or Google Cloud Build
- Design scalable solutions using microservices architecture and API best practices
- **Stakeholder Communication:** Translate business requirements into technical solutions and provide regular updates to leadership.
- **Security & Compliance:** Ensure software follows the best security practices and complies with industry regulations.
- **Innovation and R&D:** Explore new technologies such as AI/ML frameworks (e.g., TensorFlow, Py Torch) and integrate them into production systems.
- Develop proof-of-concepts for advanced solutions like AI-powered APIs or cloud-native applications.
- Proficiency in monitoring tools like Prometheus or Grafana.

Required Profile

Required Experience	<ul style="list-style-type: none"> • 15+ years of proven software development experience in IT • Minimum 3 years of experience as a lead • Proficient and should have hands-on experience in Java, Python, JavaScript, Node.js, React, AWS, Docker, Kubernetes, Hibernate, Springs and Spring boots etc. • Must have working knowledge of the general API landscape, architectures, trends, and emerging technologies. • Strong understanding of microservices, cloud computing, and scalable system design. • Knowledge of modern authorization mechanisms, such as JSON
----------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	<p>Web Token and OAuth2</p> <ul style="list-style-type: none"> • Hands-on experience with cloud platforms like AWS, Google Cloud Platform (GCP), etc. • Proficiency in containerization (Docker) and orchestration (Kubernetes) • Experience in database design and management • 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 • Knowledge of Linux, WSO2, Tomcat, Kafka, Nginx, Docker, Kubernetes, ELK, Postgres • AWS Certified Solutions architect

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

Tel: 24301932

Email: Negdhr@digitalindia.gov.in

