N-21/53/2023-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
20.11.2026

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 3 years which is further extendable as per the requirement of the project.

S. No	Position	Experience	Vacancy
1	Program Manager	8-10 Years	05
2	Quality Analyst (AI)	5+ Years	05
3	Full stack Developer (AI)	5+ Years	03
4	DevOps Engineer (AI/ML)	5+ Years	03

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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: 30.11.26

1. Program Manager: (AI)

Role Summary

The Program Manager (AI) will run delivery across a portfolio of AI projects for government departments, covering in-house teams and empanelled agencies, plans and dependencies, contracts and payments, approvals, and governance reporting. The role requires the discipline to keep a large portfolio on track, firm control of vendors against evidence, and the clarity to turn status into decisions. The role leads the Product Managers and Business Analysts.

Educational Qualification

- B.Tech./B.E. or an equivalent technical degree **(Must have)**
- MBA or a master's degree is desirable
- Certifications (desirable, not mandatory): PMP, PgMP or SAFe; demonstrated delivery, as listed under Minimum Evidence at Screening, shall carry greater weight
- Candidates from non-traditional backgrounds with a strong verifiable delivery record will be considered in lieu of formal qualification

Experience

- 10+ years in technology delivery (12+ years preferred); **minimum 3 years managing AI, data or platform programme delivery**
- **Demonstrable delivery of at least one multi-team technology programme with external vendors**, with documented scope, budget and outcomes
- Experience with milestone-based contracts, acceptance and payment against evidence
- Experience with governance reporting to senior leadership, boards or steering committees
- Experience leading product managers, business analysts or programme staff
- Government experience is not required

Key Responsibilities

Integrated Portfolio Planning

- Maintain one integrated plan across the portfolio, covering milestones, dependencies, the critical path and capacity

Vendor & Contract Management

- Track agency milestones and service levels, coordinate acceptance with technical leads and the QA Lead, release payments against evidence, and manage change requests

Governance & Reporting

- Prepare monthly reports for steering and oversight committees, prepare fund-utilisation reports with the finance team, and maintain audit-ready records

Approvals, Data Access & Dependencies

- Track and unblock departmental approvals, data-sharing agreements, compute allocations and security clearances, and escalate with a clear ask

Portfolio Metrics

- Track use cases live, adoption, quality, cost and spend against plan, and flag variances early

PMO Operations

- Run weekly reviews, decision logs and the register of risks, assumptions, issues and dependencies, with common templates and cadence across teams

Team Leadership

- Lead and develop the Product Managers and Business Analysts

Technical Competencies

- **Programme Management:** integrated planning, critical path, earned value; Jira (Advanced Roadmaps), MS Project or Smartsheet
- **Commercial & Financial:** milestone-based contracts, service levels, change control, budget tracking and forecasting
- **Delivery Methods:** Agile, Scrum and SAFe at portfolio level; hybrid delivery with fixed-scope vendors
- **Technical Fluency:** the AI and software delivery lifecycle, evaluation and release gates; enough depth to challenge estimates and spot risk
- **Analytics & Reporting:** advanced Excel or Google Sheets; Power BI or Superset
- **Communication:** concise status reports and steering papers; meetings that end in decisions

2. QA Engineer (AI)

Experience:5+ Years
Location: Delhi

Role Overview

The QA Engineer – AI will lead the quality assurance function, ensuring the reliability, performance and accuracy of software applications and AI-powered solutions. The candidate will manage QA teams, define testing strategies and drive automation and AI testing initiatives.

Key Responsibilities

- Lead and mentor QA engineers and oversee end-to-end testing activities.
- Develop test strategies, test plans and automation frameworks.
- Manage functional, integration, regression, API and performance testing.
- Perform testing of AI/ML-based applications, Generative AI and LLM-powered solutions.
- Validate AI-generated responses for accuracy, relevance and consistency.
- Identify AI hallucinations, bias, incorrect outputs and prompt-related issues.
- Perform testing of AI chatbots, RAG-based applications and conversational AI solutions.
- Drive test automation and AI-based testing initiatives.
- Coordinate with development, DevOps and AI/ML teams.
- Monitor defect resolution, quality metrics and release readiness.

Required Skills & Experience

- 5+ years of experience in QA and Software Testing
- Hands-on experience in AI/ML and Generative AI application testing is mandatory.
- Experience in LLM testing, prompt testing and AI response validation.
- Knowledge of hallucination detection and RAG testing.
- Strong experience in Selenium, Cypress, Playwright or equivalent automation tools.
- Experience with API testing tools such as Postman and Rest Assured.
- Familiarity with JIRA, TestRail and Agile methodologies.
- Strong leadership, analytical and stakeholder management skills.

Education

- Bachelor's degree in Computer Science, Information Technology, Engineering or a related field.
- Master's degree in Computer Science, AI/ML or a related discipline will be an added advantage.
- Relevant certifications in Software Testing, Test Automation, AI/ML or Generative AI will be preferred

Preferred

Experience in testing AI-powered enterprise applications, LLM-based platforms, AI chatbots and automated AI evaluation frameworks.

3. Job Title: **DevOps Engineer – AI/ML**

Experience: 5–7 Years

Job Summary

The National e-Governance Division (NeGD) is seeking an experienced DevOps Engineer with strong expertise in infrastructure automation, cloud technologies, CI/CD pipelines, containerization and deployment management.

The ideal candidate should also possess hands-on experience in supporting AI/ML-based applications, AI model deployment, MLOps practices and automation of AI-driven solutions.

The role will involve managing scalable and secure infrastructure, streamlining application deployments, and enabling reliable delivery of conventional as well as AI-powered applications supporting various e-governance initiatives under the Digital India programme.

Key Responsibilities

1. Infrastructure Automation
    - Develop, implement and maintain CI/CD pipelines to automate build, testing and deployment processes.
    - Implement Infrastructure as Code (IaC) using Terraform, Ansible or CloudFormation.
    - Automate system configurations and application deployments.
    - Demonstrate proficiency in advanced Linux/Unix commands and system administration.
2. Platform and Release Management
    - Set up and deploy Python, Java and Node.js-based microservices.
    - Configure and manage cron jobs and automation scripts.
    - Configure NGINX web servers for static website deployment and load balancing.
    - Manage source code repositories and version control platforms such as Git.
    - Perform performance optimisation of microservices and web servers.
    - Manage Docker environments and Kubernetes administration.
3. AI/ML Infrastructure and Deployment
    - Deploy, configure and manage AI/ML-based applications and services.
    - Support deployment and operationalisation of machine learning models in production environments.
    - Work with MLOps tools and practices for model deployment, monitoring and lifecycle management.
    - Build and maintain automated pipelines for AI/ML model training, testing and deployment.
    - Support integration and deployment of AI-enabled applications, including LLM-based solutions.
    - Monitor performance, scalability and availability of AI/ML workloads.
    - Collaborate with AI/ML engineers and development teams to streamline model deployment and production operations.
    - Experience with GPU-based infrastructure and AI workload optimisation will be an added advantage.
4. Cloud and On-Premises Infrastructure Management
    - Manage and optimise cloud environments such as AWS, Azure or Google Cloud.
    - Manage and maintain on-premises data centre environments.
    - Ensure scalability, high availability, disaster recovery and cost optimisation.
    - Support infrastructure requirements for AI/ML workloads.
5. System Monitoring and Maintenance
    - Implement monitoring, logging and alerting solutions using Prometheus, Grafana, ELK Stack or Nagios.
    - Proactively identify and resolve infrastructure and application-related issues.
    - Monitor system health, application performance and resource utilisation.
6. Security and Compliance
    - Implement security best practices and ensure compliance with applicable government regulations and data protection policies.
    - Manage access controls, authentication and authorisation mechanisms.
    - Ensure secure deployment and management of applications and infrastructure.
7. Collaboration and Continuous Improvement
    - Work closely with development, QA, DevOps and AI/ML teams.

- Participate in code reviews and provide infrastructure and deployment recommendations.
- Identify opportunities for automation and process improvement.
- Stay updated with emerging DevOps, cloud computing and AI/ML technologies.

8. Documentation

- Maintain documentation for deployment processes, infrastructure configurations and system architecture.
- Develop operational runbooks and technical guides.

Qualifications and Experience

Education

- Bachelor's degree in Computer Science, Information Technology, Engineering or a related field.
- Master's degree or relevant technical certifications will be an added advantage.

Experience

- Minimum 5–7 years of experience in DevOps, Cloud Engineering, System Administration or related roles.
- Proven experience in CI/CD tools such as Jenkins, GitLab CI/CD or CircleCI.
- Hands-on experience with Docker, Kubernetes and container orchestration.
- Experience managing cloud infrastructure on AWS, Azure or Google Cloud.
- Strong experience in Linux/Unix system administration and scripting.
- Hands-on experience working with AI/ML-based applications, AI model deployment or MLOps practices is required.
- Experience in automating deployment pipelines for AI/ML workloads.
- Understanding of production environments for AI-enabled applications and services.

Skills and Competencies

Technical Expertise

- Proficiency in Bash, Python or Ruby scripting.
- Strong understanding of networking concepts, security protocols and system architecture.
- Experience with Terraform, Ansible, Puppet or Chef.
- Knowledge of monitoring and logging tools such as Prometheus, Grafana and ELK Stack.
- Understanding of MLOps concepts, AI/ML deployment workflows and model monitoring.
- Familiarity with cloud-based AI/ML services and LLM application deployment.
- Knowledge of GPU infrastructure and AI workload management will be an advantage.

Problem-Solving

- Strong analytical and troubleshooting skills.
- Ability to diagnose and resolve complex infrastructure, deployment and application issues.

Communication and Collaboration

- Strong communication skills and ability to work with cross-functional teams.
- Ability to explain technical concepts to non-technical stakeholders.

Understanding of E-Governance

- Familiarity with the Digital India initiative and e-governance frameworks.
- Awareness of government IT policies, standards and regulatory requirements.

Preferred Certifications

- AWS Certified DevOps Engineer.
- Certified Kubernetes Administrator (CKA).
- Docker or other relevant containerisation certifications.
- Relevant cloud, AI/ML or MLOps certifications.

4. Full Stack Developer (AI/ML & Web Applications)

Role Summary

The Full Stack Developer will design, build and deploy secure, scalable web applications with integrated AI and machine learning capabilities. The role requires strong full-stack engineering across frontend, backend, data and cloud layers, together with practical AI/ML engineering competence: integrating models across commercial, cloud and self-hosted providers, building retrieval and agent workflows, and adapting and serving models where required.

Educational Qualification

- B.Tech./B.E., M.Tech., MCA or M.Sc. in Computer Science, Information Technology, AI/ML or a related discipline **(Must have)**
- Certifications are not mandatory; demonstrated work, as listed under Minimum Evidence at Screening, shall carry greater weight
- Candidates with strong verifiable work (production applications or significant open-source contributions) will be considered in lieu of formal qualification

Experience

- 4+ years of professional full-stack development (5+ years preferred); **minimum 2 years building and deploying AI- or ML-powered features in production applications**
- Demonstrable end-to-end ownership of at least one production web application, covering frontend, backend, database, deployment and monitoring
- **Demonstrable experience delivering at least one LLM or ML-powered application to end users** (such as a retrieval-augmented assistant, a document-processing workflow or an agent), including its evaluation and monitoring
- Hands-on experience with Python and TypeScript in production, and with React-based frontends
- Experience deploying containerised applications on cloud platforms through CI/CD pipelines
- Experience fine-tuning or self-hosting models, working in regulated sectors, or building Indian-language applications is a plus

Key Responsibilities

Application Development

- Design and develop responsive, accessible web applications using React and Next.js with TypeScript
- Develop backend services and APIs in Python (FastAPI) and Node.js, with clear contracts (OpenAPI or GraphQL) and versioning
- Design data models and optimise queries across relational and NoSQL databases, and implement caching and background job processing
- Translate functional requirements into well-structured, maintainable and production-ready code

AI & LLM Integration

- Integrate LLMs in a provider-agnostic manner across commercial APIs, cloud AI platforms and self-hosted open-weight models, through an abstraction or gateway layer, so that models can be switched or compared without application changes
- Build LLM-powered features, including streaming conversational interfaces, retrieval-augmented generation with source citations, structured extraction and tool-calling agents using the Model Context Protocol (MCP)
- Implement retrieval pipelines covering document ingestion and parsing, chunking, embeddings, hybrid vector search and re-ranking
- Implement routing, caching, rate limiting and fallbacks across providers to control quality, cost and latency

Model Integration & Serving

- Integrate and serve pre-trained models (such as OCR, speech, classification and embedding models, including Indic language models) behind production APIs
- Fine-tune or adapt models where required (for example, LoRA fine-tuning of an LLM or embedding model), in coordination with data scientists

- Build evaluation suites for AI features (golden datasets, regression tests and LLM-based evaluation) and run them in CI as release gates

Security, Privacy & Responsible AI

- Implement authentication and authorisation (OAuth 2.0, OpenID Connect and role-based access control), and secure handling of APIs, secrets and personal data
- Apply OWASP Top 10 and OWASP Top 10 for LLM Applications controls, including defences against prompt injection and data leakage
- Apply data-minimisation practices in compliance with applicable data protection law, including for data sent to external model providers, and design human review for consequential AI outputs

Quality, Deployment & Operations

- Practise test-driven development with unit, integration and end-to-end tests, and maintain adequate coverage
- Containerise applications and manage deployments through CI/CD pipelines on Kubernetes or serverless platforms, using infrastructure as code
- Instrument applications with logging, metrics and tracing, including LLM traces, token usage and cost, and participate in incident resolution
- Ensure accessibility compliance (WCAG 2.2 and GIGW) and support for Indian languages in user interfaces

Collaboration & Mentoring

- Participate in Agile delivery, code reviews and architecture discussions
- Mentor junior developers, and document designs, APIs and operational runbooks

Technical Competencies

- **Frontend:** TypeScript, React, Next.js (App Router and server components), Tailwind CSS, component libraries (shadcn/ui or equivalent), TanStack Query; accessibility and internationalisation
- **Backend:** Python (FastAPI, Pydantic, asyncio) and Node.js (NestJS, Fastify or Express); REST with OpenAPI, GraphQL; WebSockets and server-sent events for streaming; background jobs (Celery or BullMQ)
- **Databases & Caching:** PostgreSQL (with pgvector), MongoDB, Redis; ORMs (SQLAlchemy, Prisma or Drizzle); schema migrations and query optimisation
- **LLM Providers & Frameworks:** commercial APIs (OpenAI, Anthropic, Google Gemini), cloud AI platforms (Azure AI Foundry, AWS Bedrock, Google Vertex AI), Indian providers (Sarvam, Bhashini) and self-hosted open-weight models via vLLM or Ollama; gateways such as LiteLLM; LangGraph, LlamaIndex or equivalent multi-provider frameworks; structured outputs, tool calling and MCP
- **Retrieval & Vector Search:** embeddings, chunking strategies, hybrid search and re-ranking; vector databases (pgvector, Qdrant, Milvus or Weaviate); document parsing (Docling or vision-language OCR models)
- **Applied ML:** PyTorch and Hugging Face Transformers for inference and fine-tuning (PEFT); scikit-learn; ONNX Runtime and quantised models; pre-trained models for OCR, speech (IndicConformer, Whisper) and Indic NLP (AI4Bharat)
- **AI Evaluation & Observability:** promptfoo, DeepEval or RAGAS in CI; MLflow; Langfuse or Arize Phoenix; OpenTelemetry, Prometheus and Grafana
- **Security:** OAuth 2.0, OpenID Connect, JWT, Keycloak or equivalent identity providers; OWASP Top 10 and OWASP Top 10 for LLM Applications; secrets management; guardrails for LLM inputs and outputs
- **Testing, DevOps & Cloud:** pytest, Vitest or Jest, Playwright; Git, GitHub Actions or GitLab CI, Docker, Kubernetes and Helm, Terraform; AWS, Azure or GCP managed services
- **Data Pipelines (desirable):** Airflow or Dagster; Kafka or other message queues

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