

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
01.08.2025

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

S. No	Position	Vacancy	Budget
1	Full Stack Developer (AI & Web Applications)	04	Maximum 19.80 LPA
2	Data Engineer- Machine Learning	02	Maximum 19.80 LPA

* 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: 15.08.2025

1. Job Title: Full Stack Developer (AI & Web Applications)

Overview

We are seeking a **Full Stack Developer** with a strong background in modern web technologies and AI-driven application development. The ideal candidate will contribute to building intelligent tools and scalable systems using frameworks such as **Langchain**, **Vercel AI SDK**, and cloud-native services. The role focuses on full-stack development across backend and frontend layers, secure API implementation, AI integration, and deployment using cloud infrastructure (AWS, Azure, or GCP). The developer may also be assigned to other **NeGD** projects as needed.

Roles and Responsibilities

- Develop and maintain scalable backend and frontend components for AI-based web applications.
- Implement intelligent workflows using **Langchain** and integrate AI capabilities through **Vercel AI SDK**, including function calling and streaming outputs.
- Build secure, high-performance RESTful or GraphQL APIs.
- Work with databases like **MongoDB**, **PostgreSQL**, and **Cassandra**, ensuring optimized queries and data access.
- Apply **TDD (Test-Driven Development)** principles and ensure high-quality, maintainable code.
- Manage codebase using **Git** and participate in regular code reviews.
- Develop and manage CI/CD pipelines (e.g., **GitHub Actions**) and containerized applications using **Docker/Kubernetes**.
- Implement serverless deployment strategies and data pipelines using tools like **Airflow** or **Airbyte**.
- Follow Agile/Scrum practices and actively contribute in sprints and team discussions.
- Mentor junior developers and support knowledge sharing within the team.

Required Profile

Education Qualification	<ul style="list-style-type: none">● Bachelor's degree in computer science, Software Engineering, or a related field.
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Experience required	<ul style="list-style-type: none"> ● 4+ years of experience in full-stack web application development. ● Proficient in at least one of the following: TypeScript, JavaScript, or Python. ● Experience in building, integrating, and consuming REST/GraphQL APIs. ● Strong knowledge of Langchain, Vercel AI SDK, and modern AI toolchains. ● Hands-on experience with Git, CI/CD pipelines, and Agile development processes. ● Familiarity with cloud platforms like AWS, Azure, or GCP. ● Experience with containerization (Docker/Kubernetes) and serverless architectures. ● Prior experience working with data pipelines and orchestration tools such as Airflow or Airbyte. ● Understanding of application security best practices and authentication mechanisms. ● Exposure to vector databases, embeddings, and LLM orchestration. ● Experience with RAG architecture, prompt engineering, and chatbot development is highly desirable.
Skills required	<ul style="list-style-type: none"> ● Strong analytical and problem-solving capabilities with an algorithmic mindset. ● Excellent verbal and written communication skills. ● Proactive, self-driven, and able to work independently and in teams. ● Attention to detail and a commitment to delivering high-quality, production-ready code.

2. Job Title: Data Engineer- Machine Learning

Overview

We are seeking an experienced Machine Learning Engineer to develop and deploy real-world ML solutions. This role involves working with cutting-edge technologies like **deep learning, NLP, and Generative AI**, with a focus on **model building, end-to-end pipelines, and MLOps-driven production deployment**.

Roles and Responsibilities

- Develop, train, and deploy scalable machine learning models for real-world use cases.
- Build and maintain end-to-end ML pipelines covering data ingestion, preprocessing, feature engineering, model training, evaluation, and deployment.
- Collaborate with cross-functional teams, including product, engineering, and data teams, to integrate ML models into production environments.
- Implement **MLOps** practices using tools like **MLflow, Airflow, or Kubeflow** for robust experimentation and model lifecycle management.
- Work with both structured and unstructured data from various sources such as relational databases, data lakes, and APIs.
- Utilize **cloud services** (AWS, GCP, or Azure) for large-scale model training and deployment.
- Perform rigorous **model performance analysis**, tuning, and optimization to ensure reliability and scalability.
- Explore and implement state-of-the-art techniques in **NLP, LLMs, and Generative AI**, including prompt engineering, embeddings, and vector stores.
- Contribute to the development of **RAG (Retrieval-Augmented Generation)** pipelines and AI assistants.
- Ensure adherence to best practices in data governance, AI ethics, and compliance with privacy regulations.
- Stay updated with the latest advancements in AI/ML and contribute innovative ideas to improve system performance.

Required Profile

Education Qualifications	<ul style="list-style-type: none">● Bachelor's or Master's in CS, Engineering, or related field
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Experience required	<ul style="list-style-type: none"> ● 4+ years of industry experience in the data science or machine learning domain. <ul style="list-style-type: none"> ● Proficient in Python and ML libraries such as Pandas, NumPy, and tools like PyTesseract. ● Hands-on experience with deep learning frameworks such as TensorFlow or PyTorch. ● Strong expertise in data wrangling, feature engineering, and model evaluation techniques. ● Experience in building and maintaining ML pipelines and deploying models in production environments. ● Familiarity with MLOps tools and workflows, especially MLflow, Airflow, etc. ● Strong understanding of databases, data lakes, and data querying tools (e.g., SQL, BigQuery, etc.). ● Demonstrated experience in NLP, LLMs, vector databases, and embeddings. ● Hands-on experience with Langchain, RAG pipelines, and deploying chat-based AI applications. ● Knowledge of cloud platforms (AWS, GCP, Azure) for model training, serving, and monitoring. ● Experience in LLM fine-tuning, prompt engineering, and performance optimization of generative models. ● Understanding of AI governance, ethical AI development, and privacy regulations in ML workflows. ● Proficiency with Git for version control and collaboration.
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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. 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