

N-21/2/2014-NeGDPart-II
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
31.08.2026

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	Vacancy
1	Senior AI / Full-Stack Architect-Developer	01
2	Python / AI Developer	01

* 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: 07.09.2026

1. Senior AI / Full-Stack Architect-Developer

Experience Required	12 – 15 Years
Number of Positions	1
Reporting To	Project / Programme Lead, NeGD

Role Summary

The Senior AI / Full-Stack Architect-Developer will lead the architecture and technical delivery of common, reusable and AI-enabled components for NeGD projects. The role owns end-to-end technical design decisions, mentors the Python/AI Developer(s), and ensures that components built are scalable, secure and reusable across multiple government digital initiatives.

Key Responsibilities

- Own the end-to-end architecture of large-scale, enterprise-grade applications and platforms built for NeGD projects.
- Design and govern a microservices-based architecture, including service decomposition, API contracts, inter-service communication and deployment topology.
- Design and oversee database architecture (relational and NoSQL) covering data modelling, performance tuning, scalability and security.
- Lead hands-on design and implementation of GenAI / AI-enabled capabilities such as LLM integration, RAG pipelines, agentic workflows and intelligent automation within enterprise applications.
- Architect and build reusable frameworks, shared libraries, common APIs, services and components that can be adopted across multiple NeGD projects to reduce duplication of effort.
- Define coding standards, design patterns, API guidelines and technical governance for the team.
- Conduct architecture and code reviews; ensure adherence to security, performance, scalability and compliance requirements applicable to government systems.
- Collaborate with project stakeholders, government departments and other technical teams to translate business requirements into technical solutions.
- Mentor and provide technical leadership to the Python/AI Developer(s) and other team members.
- Evaluate and recommend emerging AI/GenAI tools, platforms and best practices for adoption across NeGD projects.

Mandatory Skills & Experience

- 12–15 years of strong, demonstrable experience in large-scale enterprise application development.
- Proven expertise in microservices architecture — design, development, deployment and orchestration (e.g., Docker, Kubernetes).
- Strong experience in database architecture and development across relational (PostgreSQL/MySQL/Oracle) and/or NoSQL (MongoDB, etc.) systems.
- Strong, hands-on AI/GenAI implementation experience — not limited to conceptual knowledge (e.g., LLM-based application development, prompt engineering, RAG, vector databases, embeddings, AI agents).

- Demonstrated experience designing and developing reusable frameworks, APIs, shared services and common components adopted across multiple projects/teams.
- Strong programming skills in Python and/or Java, with solid understanding of full-stack development (backend and frontend integration).
- Experience with cloud platforms (AWS/Azure/GCP) and CI/CD pipelines.
- Strong understanding of API design (REST/GraphQL), security (OAuth2/JWT), and enterprise integration patterns.

Preferred / Good-to-Have Skills

- Experience working on e-Governance, public sector or large citizen-facing digital platforms.
- Familiarity with data privacy, security and compliance frameworks applicable to government IT systems.
- Exposure to MLOps / LLMOps practices for deploying and monitoring AI models in production.
- Prior experience in a technical architect, tech lead or solution architect role.

Educational Qualification

B.E./B.Tech/M.E./M.Tech/MCA in Computer Science, IT

2. Python / AI Developer

Experience Required	3 – 5 Years
Number of Positions	1

Role Summary

The Python / AI Developer will work under the guidance of the Senior Architect-Developer to build, test and deploy AI-enabled, reusable components and services for NeGD projects, with a strong focus on hands-on GenAI/LLM implementation.

Key Responsibilities

- Design, develop and maintain REST APIs and microservices using Python frameworks (e.g., FastAPI, Flask, Django).
- Build AI/GenAI-enabled features including LLM integration, Retrieval-Augmented Generation (RAG) pipelines, embeddings generation and vector search.
- Develop and maintain reusable APIs, services, SDKs and common components for use across multiple NeGD projects.
- Integrate third-party and open-source LLMs / AI models into enterprise applications, including prompt design and evaluation.
- Write clean, well-tested, well-documented and maintainable code following defined architecture and coding standards.
- Collaborate with the Senior Architect-Developer on system design, technical decisions and code reviews.
- Participate in unit testing, integration testing and deployment activities for the components developed.
- Troubleshoot, debug and optimize application performance, including AI/LLM response latency and accuracy.
- Document technical designs, APIs and reusable components for adoption by other project teams.

Mandatory Skills & Experience

- 3–5 years of strong, hands-on Python development experience.
- Solid experience building and consuming REST APIs and working with microservice architectures.
- Mandatory hands-on AI/GenAI implementation experience (not limited to theoretical knowledge) — actual project/product experience required.
- Practical experience with LLM integration, RAG pipelines, embeddings and vector databases (e.g., FAISS, Pinecone, Chroma, Weaviate).
- Experience developing reusable APIs, services and components intended for use across multiple applications/projects.
- Working knowledge of SQL/NoSQL databases and ORMs.
- Familiarity with version control (Git), containerization (Docker) and basic CI/CD workflows.

Preferred / Good-to-Have Skills

- Experience with LangChain, LlamaIndex or similar AI/LLM orchestration frameworks.
- Exposure to cloud AI services (Azure OpenAI, AWS Bedrock, Google Vertex AI).

- Prior experience on government, public sector or large-scale citizen services platforms.
- Basic understanding of frontend technologies for API/UI integration and testing.

Educational Qualification

B.E./B.Tech/MCA in Computer Science, IT.

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. The prescribed eligibility criteria may be relaxed for candidates possessing exceptional qualifications, experience, or suitability for the position, subject to the approval of the Competent Authority.
7. 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