NOVARTIS

Associate Director AI & GenAI Engineering

Job ID
REQ-10088843
Nov 05, 2026
LOC_IN

About the Role

Key Responsibilities

- Lead end-to-end delivery of enterprise AI and GenAI solutions from concept through production.
- Define scalable AI architectures, platform capabilities, engineering standards, and technology roadmaps.
- Partner with business stakeholders to transform workflows into intelligent, AI-enabled experiences.
- Drive rapid prototyping and minimum viable product development for high-value business opportunities.
- Provide technical leadership across generative artificial intelligence, agentic AI, machine learning, and semantic search.
- Design and optimize AI platforms, retrieval-augmented generation pipelines, APIs, and cloud-native applications.
- Establish engineering best practices for automation, observability, continuous integration, and continuous delivery.
- Ensure solutions meet security, privacy, regulatory, reliability, performance, and responsible AI standards.
- Manage delivery plans, dependencies, risks, budgets, and stakeholder communications across initiatives.
- Mentor engineering teams and foster a culture of innovation, technical excellence, and continuous learning.

Essential Requirements

- Bachelor’s degree in Computer Science, Artificial Intelligence, Engineering, or a related field.
- 12+ years of experience in software engineering, artificial intelligence, machine learning, or digital technology.
- Proven experience leading artificial intelligence engineering teams and complex enterprise delivery programs.
- Strong expertise in generative artificial intelligence, large language models, retrieval-augmented generation, and agentic AI.
- Hands-on experience developing Python applications, application programming interfaces, microservices, and cloud-native solutions.
- Experience with Amazon Web Services or Microsoft Azure artificial intelligence services and enterprise data platforms.
- Strong knowledge of machine learning operations, large language model operations, DevSecOps, continuous integration, and continuous delivery.
- Demonstrated ability to manage senior stakeholders, delivery risks, vendors, budgets, and cross-functional teams.

Desirable Requirements

- Master’s degree in Computer Science, Artificial Intelligence, Engineering, or a related field.
- Professional certifications in cloud, artificial intelligence, machine learning, or software engineering technologies.

Commitment to Diversity and Inclusion:

Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to perform the essential functions of a position, please send an e-mail to diversityandincl.india@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message

Role Requirements

Division
DIV_TO
Business Unit
Information Technology
Location
LOC_IN
Site
Hyderabad (Office)
Company / Legal Entity
IN10 (FCRS = IN010) Novartis Healthcare Private Limited
Functional Area
FCT_DD
Job Type
Full time
Employment Type
Regular
Shift Work
No
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