

GenAI Solution Architect

Job ID
REQ-10066645

11月 09, 2025

India

摘要

Location: Hyderabad

At Novartis, we are harnessing the power of Generative AI (GenAI) to reimagine medicine and transform how we discover, develop, and deliver treatments for patients worldwide.

As part of the DDIT Advanced Platforms & Data (APD) organization, the AI Platforms team is expanding to meet growing business demand.

The Associate Director, GenAI Architect will play a pivotal role in designing and delivering enterprise-grade GenAI solutions, with a strong focus on scalability, compliance, and business value. Based in India, this role will support global initiatives and work closely with senior leaders across APD and DDIT.

About the Role

Major accountabilities:

- **Solution Architecture & Delivery**
 - Define and deliver **scalable AI solutions** across discovery, development, regulatory, and commercial functions.
 - Create and maintain **reference architectures, reusable components, and best practices** for GenAI adoption.
- **Business Partnership**
 - Engage with business stakeholders to identify **high-value use cases** and translate requirements into technical solutions.
 - Act as a trusted advisor for GenAI solutioning across India and global teams.
- **Governance & Compliance**
 - Ensure alignment with **responsible AI practices** and compliance with **HIPAA, GDPR, GxP, and EU AI Act**.
 - Embed security, transparency, and fairness principles into all architectures.
- **Innovation & Ecosystem Engagement**
 - Evaluate and integrate new **LLM models, frameworks, and orchestration tools** (OpenAI, Anthropic, Llama, LangChain, LlamaIndex, DSPy).
 - Partner with startups, academia, and vendors to bring **cutting-edge GenAI innovation** to Novartis.
- **Leadership & Mentorship**
 - Provide technical guidance to solution teams and **build GenAI capability** within the India hub.
 - Collaborate with peers across Novartis to ensure **global consistency and scalability**.

Minimum Requirements:

- Bachelor's / Master's degree in Computer Science, Data Science, AI/ML, or equivalent. 12+ years in enterprise IT/solution architecture, including 4+ years in AI/ML and 2+ years in GenAI.
- Experience in **pharma, life sciences, or healthcare industry** highly preferred.
- Hands-on knowledge of **LLMs, vector databases, RAG, and multi-agent systems**.
- Proven ability to design solutions across **multi-cloud environments** (Azure AI Foundry, AWS Bedrock).
- Strong familiarity with **regulatory frameworks** and AI governance.

Why consider Novartis?

Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us!

Learn more here:

<https://www.novartis.com/about/strategy/people-and-culture>

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.

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis

Network here:
<https://talentnetwork.novartis.com/network>

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together? <https://www.novartis.com/about/strategy/people-and-culture>

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up:
<https://talentnetwork.novartis.com/network>

Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

部门
Operations

Business Unit
Universal Hierarchy Node

地点
India

站点
Hyderabad (Office)

Company / Legal Entity
IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area
Technology Transformation

Job Type
Full time

Employment Type
Regular

Shift Work
No

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