

# GenAI Solution Architect

Job ID  
REQ-10062667

9月 23, 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>

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

Information Technology

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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