

# GenAI Solution Architect

Job ID  
REQ-10062668

10月 10, 2025

Spain

## 摘要

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 Barcelona, this role will support global initiatives and work closely with senior leaders across APD and DDIT (Data, Digital & IT).

## About the Role

Key Responsibilities:

- 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.

Accessibility and accommodation: Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to and let us know the nature of your request and your contact information. Please include the job requisition number in your message

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>

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部门

Operations

Business Unit

Information Technology

地点

Spain

站点

Barcelona Gran V í a

Company / Legal Entity

ES06 (FCRS = ES006) Novartis Farmac é utica, S.A.

Functional Area

Technology Transformation

Job Type  
Full time

Employment Type  
Regular

Shift Work  
No

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