GenAl 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, GenAl Architect will play a pivotal role in designing and delivering enterprisegrade GenAl 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 GenAl 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 GenAl 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 GenAl innovation to Novartis.
- Leadership & Mentorship
 - Provide technical guidance to solution teams and build GenAl 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, Al/ML, or equivalent.12+ years in enterprise IT/solution architecture, including 4+ years in Al/ML and 2+ years in GenAl.
- 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 Al Foundry, AWS Bedrock).
- Strong familiarity with regulatory frameworks and Al 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.

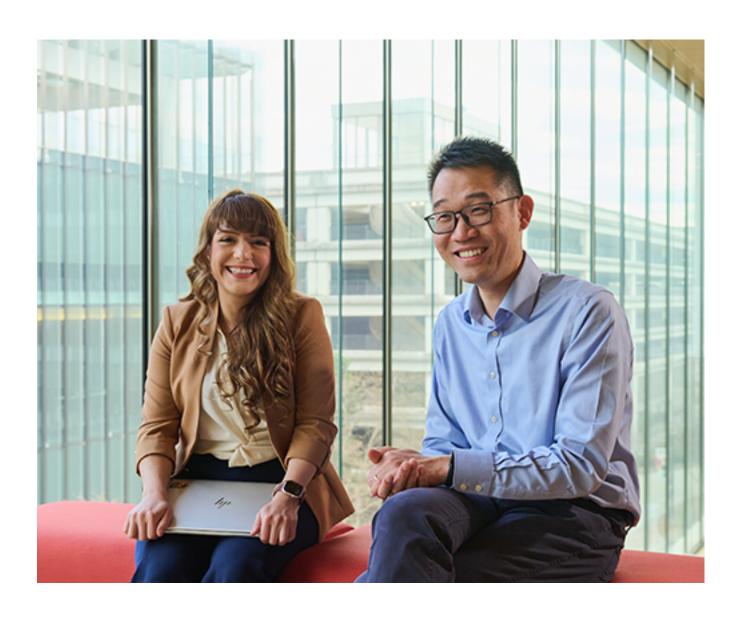
Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis

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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