

Senior AI Engineer

Job ID
REQ-10088715
Сен. 30, 2026
Индия

Сводка

Internal Job Title: Sr. Specialist DDIT US&I AI Engineering

#LI-Hybrid

Location: Hyderabad, India

Relocation Support: Yes

Are you passionate about turning cutting-edge Artificial Intelligence innovations into real-world business impact? As a Sr. Specialist DDIT US&I AI Engineering, you will play a key role in shaping the future of enterprise AI by designing and delivering scalable, secure, and production-ready generative AI and agentic AI solutions. Working at the intersection of cloud engineering, intelligent agents, machine learning, and enterprise data platforms, you will transform complex business opportunities into innovative solutions that improve how we discover insights, automate processes, and create value. This is an exciting opportunity to influence AI strategy, build next-generation capabilities on AWS and Snowflake, mentor engineering teams, and drive the adoption of responsible AI in a highly regulated, global environment.

About the Role

Key Responsibilities

- Design and implement production-ready generative and agentic artificial intelligence solutions using Amazon Web Services and Snowflake.
- Build secure Retrieval-Augmented Generation solutions with hybrid search, embeddings, reranking, metadata, and enterprise knowledge sources.
- Develop intelligent agents using Amazon Bedrock AgentCore, LangChain, LangGraph, Semantic Kernel, and approved orchestration frameworks.
- Create secure application programming interfaces and containerized backend services for models, agents, tools, and conversational experiences.
- Build document-ingestion pipelines for PDF, Office, HTML, presentation, structured, and unstructured enterprise content.
- Develop secure Model Context Protocol clients and servers with authentication, authorization, validation, audit logging, and execution controls.
- Integrate Snowflake Cortex AI capabilities with Amazon Web Services applications using governed, secure, and private connectivity patterns.
- Implement multi-agent workflows, human review, memory management, task automation, approval controls, and end-to-end traceability.
- Establish evaluation, observability, security, responsible artificial intelligence, reliability, performance, and cost-management practices.
- Provide technical leadership through reusable architectures, coding standards, design reviews, mentoring, deployment, and operational handover.

Essential Requirements

- Bachelor's or Master's degree in Computer Science, Artificial Intelligence, Machine Learning, Data Science, Engineering, or a related field.
- 8+ years of experience in software engineering, cloud engineering, artificial intelligence, machine learning, or related disciplines.
- Proven experience designing and delivering production-grade generative artificial intelligence, Retrieval-Augmented Generation, and agentic artificial intelligence solutions on Amazon Web Services.
- Strong proficiency in Python, application programming interface development, secure software engineering, testing, debugging, and containerized services.
- Hands-on experience with Amazon Bedrock, Amazon SageMaker, intelligent agent orchestration, document processing, retrieval, grounding, and evaluation frameworks.
- Demonstrated expertise in enterprise security, responsible artificial intelligence, observability, reliability, compliance, and technical leadership.

Desirable Requirements

- Experience delivering Artificial Intelligence solutions within pharmaceutical, healthcare, life sciences, or other regulated environments.
- Advanced expertise with Snowflake Cortex AI, Model Context Protocol frameworks, enterprise agent platforms, or large language model operations practices.

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

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: Learn about all the ways we'll help you thrive personally and professionally.

[Read our handbook \(PDF 30 MB\)](#)

Дивизион

Operations

Business Unit

Information Technology

Место

Индия

Сайт

Hyderabad (Office)

Company / Legal Entity

IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area

Data and Digital

Job Type

Full time

Employment Type

Regular

Shift Work

No

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