

Agentic AI Engineer for AI &DS, BSI

Job ID

REQ-10073058

Jun 22, 2026

LOC_IN

About the Role

Location: Hyderabad #LI-Hybrid

Key Responsibilities

- Develop and deploy of scalable AI solutions, focusing on GenAI applications.
- Drive innovation by staying current with advancements in AI, particularly generative models and LLM technologies.
- Collaborate with a high-performing team of data scientists, ensuring alignment within AI and Data Science initiatives.
- Engage in hands-on development and guide best practices for code quality, version control, and ML/AI Ops pipelines.
- Collaborate with cross-functional teams to integrate AI-driven solutions across platforms and services.
- Champion a culture of experimentation and adoption of best practices, inspiring teams with a “can-do” attitude and acting as an AI role model.

Minimum Requirements

- Education:
 - Bachelor's degree in a related field with 10-12 years of experience, or
 - Master's degree with 8-10 years of relevant experience.
 - Certifications in GenAI/ML platforms (AWS/Azure) are a plus.
- Experience:
 - Minimum 7 years working in advance data science projects, including 2-3 years leading high-performing data science or ML teams from problem framing.
 - Experience delivering GenAI and agentic solution and proven ability to build and deploy scalable ML models using cloud services (AWS, Azure).
- Technical Expertise:
 - Deep understanding of autonomous AI agents and frameworks such as LangGraph, LangFuse, Chain of Thought (CoT), and ReACT.
 - Strong background in Retrieval-Augmented Generation (RAG) and knowledge grounding techniques
 - Strong knowledge of LLMs, classical ML/DL algorithms, time series analysis, and core statistical methods.
 - Proficiency in Python and hands-on experience deploying models in production environments.
- Business Acumen:
 - Ability to translate complex algorithmic outputs into clear, outcome-oriented narratives for senior leadership.

Preferred Requirements

- Experience in the commercial pharma industry.
- Master's in computer science or data science.
- Familiarity with Agile methodologies for project delivery.
- Ability to balance operational execution with strategic thinking.
- Strong collaboration skills with cross-functional teams.
- Excellent communication skills for engaging senior leadership.

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Required Skills

- Large Language Models (LLMs)
- Agentic AI Frameworks
- Machine Learning Model Deployment
- AWS/Azure Cloud Services
- Deep Learning & Foundation Models
- Statistical Analysis & Reporting
- Python Programming
- Problem Solving

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/roadmap/people-and-culture>

Commitment to Diversity & Inclusion:

Novartis is committed to building an outstanding, inclusive work environment and diverse team’s representative of the patients and communities we serve.

Values and Behaviors: Demonstrates and upholds Novartis values and behaviors in all aspects of work and collaboration.

Location: Hyderabad NKC. Hybrid | 3 days a week in office is mandatory.

Role Requirements

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Benefits and Rewards: Learn about all the ways we’ll help you thrive personally and professionally.
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