

Specialist Platform Engineer - Python Developer

Job ID

REQ-10086851

Sep 04, 2026

LOC_IN

About the Role

Major Accountabilities

- Design and deliver secure, scalable, multi-tenant enterprise AI platforms on AWS.
- Build and enable Generative AI and LLMOps capabilities using Amazon Bedrock.
- Develop Agentic AI orchestration solutions using AWS Agent Core and integrated AWS services.
- Implement and manage production-grade MLOps platforms using SageMaker Pipelines, Model Monitor, and Feature Store.
- Establish AI platform standards, onboarding frameworks, and deployment best practices.
- Provide platform documentation and technical guidance to use case delivery teams.
- Ensure compliance with Responsible AI principles and regulations including HIPAA, GDPR, GxP, FDA, and EU AI Act.
- Define and enforce AWS security controls, governance, monitoring, auditability, and AI safety mechanisms.

Minimum Requirements

- 3+ years of python development and platform engineering experience.
- 2+ years of hands-on AWS cloud engineering experience.
- 1+ years of experience in AI/ML, MLOps, data platforms, or Generative AI infrastructure
- Strong expertise in AWS AI/ML services such as SageMaker, Bedrock, Agent Core, and related AWS services.
- Experience managing production environments with focus on security, reliability, scalability, governance, and cost optimization.
- Proficiency in Python and experience with AI orchestration frameworks such as LangChain, LlamaIndex, or DSPy.
- Good understanding of end-to-end AI solution architecture on AWS, including Bedrock Agents, knowledge bases, and prompt/model tuning.
- Strong knowledge of AI governance, regulatory compliance, and AWS security controls; AWS certifications and healthcare/pharma experience preferred.

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.

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<https://talentnetwork.novartis.com/network>

Role Requirements

Division

DIV_TO
Business Unit
Information Technology
Location
LOC_IN
Site
Hyderabad (Office)
Company / Legal Entity
IN10 (FCRS = IN010) Novartis Healthcare Private Limited
Functional Area
FCT_IT
Job Type
Full time
Employment Type
Regular
Shift Work
No
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