NOVARTIS

Senior Specialist, Platform Analytics AI (Python and AWS)

Job ID
REQ-10086856
Sep 08, 2026
LOC_IN

About the Role

Major Accountabilities

- Design, develop, and support scalable AI, GenAI, and Agentic AI platform capabilities that enable enterprise AI use cases.Build and operate MLOps, LLMOps, and AgenticOps capabilities to support model development, deployment, monitoring, and lifecycle management.
- Develop reusable platform services including model serving, inference services, orchestration frameworks, APIs, observability, and automation capabilities.Design and implement cloud-native AI platform solutions leveraging AWS services and enterprise cloud platforms. Enable and support enterprise AI services including foundation models, agent-based workflows, model inference, and AI automation capabilities.
- Develop and maintain platform APIs and automation services that enable self-service provisioning, deployment, and lifecycle management of AI resources. Drive platform automation across CI/CD pipelines, infrastructure provisioning, environment management, and deployment workflows.
- Design, implement, and support Databricks-based ML and GenAI workflows, including MLflow, model serving, and workflow automation. Collaborate with data scientists, engineers, architects, security teams, and business stakeholders to deliver scalable and reusable platform solutions.
- Support platform onboarding, deployment, migration, upgrade, and release activities while ensuring service continuity and operational stability. Ensure platform solutions comply with enterprise security, governance, quality, validation, and compliance requirements.
- Implement monitoring, observability, incident management, and operational support processes to maintain platform reliability and performance. Evaluate emerging AI, cloud, automation, and platform technologies to enhance platform capabilities and engineering productivity.
- Develop and maintain technical documentation, reference architectures, implementation standards, operational procedures, and user guidance. Act as a technical subject matter expert for platform capabilities and provide support for complex platform and cloud engineering challenges.
- Proactively identify technical risks, dependencies, and operational issues and drive them to resolution in collaboration with relevant stakeholders. Communicate technical solutions, recommendations, and implementation approaches effectively to technical and non-technical audiences.
- Partner with vendors and internal technology teams to evaluate platform capabilities and support continuous platform improvement initiatives. Ensure adherence to Novartis quality, security, risk management, and regulatory standards across all platform services and solutions. Contribute to a culture of innovation, automation, operational excellence, and continuous improvement within the AI Platform Engineering function.

Minimum Requirements

- Experience in AI/ML Platform Engineering, MLOps, Platform Engineering, Cloud Engineering, or related software engineering disciplines.
- Strong hands-on experience with AWS cloud services and cloud-native architecture patterns.
- Experience with AWS Bedrock, Bedrock AgentCore, SageMaker, Databricks, MLflow, or equivalent AI platform technologies.
- Strong programming and automation experience using Python and related development frameworks.
- Experience building APIs, platform automation capabilities, infrastructure automation, and CI/CD pipelines.
- Good understanding of AI/ML model deployment, inference patterns, lifecycle management, and production

operations.
- Experience with observability, monitoring, platform reliability, security controls, and governance practices.
- Strong analytical, problem-solving, stakeholder management, and communication skills. Experience working in Agile, DevOps, and product-oriented delivery environments.

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

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_DD
Job Type
Full time
Employment Type
Regular
Shift Work
No
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