NOVARTIS

Sr. Specialist DDIT ISC CSOC Engineering - AgentOps Engineer

Job ID
REQ-10091686
Nov 05, 2026
LOC_IN

About the Role

Key Responsibilities:

- Build and maintain the Azure Functions, APIs, services and agent tools used to retrieve trusted information and perform approved actions
- Integrate agents with enterprise platforms such as Microsoft Sentinel, Defender, Purview, Graph, Cortex XDR, XSOAR, SharePoint, JIRA, Confluence, Azure Storage, Key Vault and other approved Cyber Defense systems
- Implement agent workflows and backend services for notifications, feedback, state management, audit records, deduplication, orchestration and human approval
- Implement versioning, release controls, automated testing, rollback and recovery patterns for agents and supporting services
- Operate agent runtime reliability through telemetry, tracing, Application Insights, health checks, dashboards, alerts and actionable service-level indicators
- Investigate and resolve production incidents involving agents, Azure Functions, identities, networking, data access, integrations and deployment pipelines
- Monitor performance, latency, availability, token or model consumption, operational cost and integration health, and implement improvements based on evidence
- Maintain clear technical documentation, runbooks, support procedures, configuration records and deployment evidence

Essential Requirement:

- 6+ years of hands-on experience in software engineering, cloud platform engineering, DevOps, security automation or integration engineering
- Strong proficiency in Python and experience building production APIs, serverless functions or backend services. Practical experience with Microsoft Azure services such as Azure Functions, App Service, Key Vault, Managed Identity, Application Insights, Storage and private networking
- Experience with Git and CI/CD platforms such as Azure DevOps or GitHub Actions, including environment promotion, approvals and rollback. Experience integrating enterprise systems through REST APIs, SDKs, webhooks, certificates, OAuth 2.0 or managed identities
- Understanding of agentic AI or LLM application patterns including tools/function calling, instructions, context, state, tracing and evaluation. Understanding of secure software engineering, secrets management, least privilege, input validation and auditability
- Ability to troubleshoot across application code, identity, network, platform and dependent-service boundaries. Ability to communicate technical decisions clearly and collaborate across Cyber Defense, platform, architecture and engineering teams
- Experience with Microsoft Foundry, Azure OpenAI, agent frameworks, API Management or multi-agent implementations. Knowledge of LLMOps or AgentOps practices including prompt/instruction versioning, evaluation,

tracing, cost controls and production guardrails
- Background in Cyber Defense, security operations, detection engineering or SOAR automation. Experience designing test harnesses for adversarial inputs, prompt injection, permission boundaries and tool misuse
- Experience evaluating and using frontier models for enterprise agentic AI solutions.

Desirable Requirement :

- Experience with Infrastructure as Code using Bicep, ARM, Terraform or equivalent tooling Experience with containers, Kubernetes, event-driven architectures, queues or durable workflow patterns
- Experience building agentic applications with LangChain and LangGraph. Experience with Amazon Bedrock and its model, agent, knowledge-base or guardrail capabilities.

You'll receive: You can find everything you need to know about our benefits and rewards in the Novartis Life Handbook. https://www.novartis.com/careers/benefits-rewards

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_IT
Job Type
Full time
Employment Type
Regular
Shift Work
No
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