NOVARTIS

Sr. Specialist DDIT ISC CSOC Engineering - AgentOps Engineer

Job ID
REQ-10091847

十一月 05, 2026

Czech Republic

摘要

Role purpose: Build, integrate, deploy and operate the agent platform that powers AI-enabled Cyber Defense. Engineer reliable agent tools, Azure Functions, enterprise integrations, deployment pipelines and runtime controls so agents can move safely from development to production and remain observable, recoverable and supportable.

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

Expected Annual Base Salary Range for role: 948,290.00 - 1,761,110.00 CZK

The base salary offered is determined based on gender-neutral objectives, such as relevant skills, competencies and experience in accordance with the Novartis pay setting policy and upon joining

Novartis will be reviewed periodically.

In addition to your base salary, you may be eligible for a performance-based bonus depending on certain performance parameters.

The rewards of being part of our team go far beyond base pay and incentives. We also offer a variety of competitive benefits in kind to help you thrive personally and professionally, such as insurance plans, retirement plans, wellbeing resources and global recognition programs. In addition, we provide flexible and hybrid working options, where possible, and minimum 14 weeks paid parental leave.

Pay equity is a fundamental principle of our employment policy and reflects our commitment to create a diverse, equitable and inclusive environment that treats all employees with dignity and respect, as outlined in our Code of Ethics.

Read our brochure to learn more about our global total rewards offering:
https://www.novartis.com/sites/novartiscom/files/novartis-life-handbook.pdf

Note: Benefits and compensation may vary by country and are subject to local legal requirements, including provisions of collective bargaining agreements where applicable. A full overview of your compensation package, including any relevant collective bargaining agreement details applicable to your role based on your employment location and Novartis employer entity, will be communicated separately to you during the application process.

Commitment to Diversity & 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 all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an email to di.cz@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)

Primary location salary range
K č 948,290.00 - K č 1,761,110.00

部门
Operations

Business Unit
Information Technology

地点
Czech Republic

站点
Prague

Company / Legal Entity
CZ02 (FCRS = CZ002) Novartis s.r.o.

Functional Area
Information Technology

Job Type
Full time

Employment Type
Regular

Shift Work
No

var kPlayer = KalturaPlayer55802022 || KalturaPlayer; var config = { targetId: "kalturaplayer6afb34686568f397424576", provider: { widgetId: "10m7rm1pm", partnerId: "2076321", uiConfId: "55802022" }, playback: { autoplay: false, autopause: false, muted: false, loop: false }, sources: { options: {}, startTime: 0 }, disableUserCache: "true", plugins: {}, sources: { options:

{}, startTime: 0 }, ui: { showCCButton: false, settings: { showQualityMenu: true, showSpeedMenu: false }, components: { fullscreen: { disableDoubleClick: false } }, uiComponents: [{ presets: ['Playback', 'Live'], area: 'BottomBarRightControls', replaceComponent: 'Fullscreen', get: kPlayer.ui.components.Remove }] } }; // Check and add plugins only if they exist if (kPlayer.plugins["download"]) { config.plugins.download = { disable: true }; } if (kPlayer.plugins["transcript"]) { config.plugins["playkit-js-transcript"] = { position: "right", // Default: bottom;('left', 'right', 'top', 'bottom') to enable transcript. expandMode: "over", // Default: alongside;('alongside', 'hidden', 'over') expandOnFirstPlay: false, showTime: true, downloadDisabled: false, printDisabled: false, disable: true }; } if (kPlayer.plugins["preventSeek"]) { config.plugins.preventSeek = { preventSeekForward: false, preventSeek: false }; } config.plugins.floating = { disable: true }; if (kPlayer.plugins["navigation"]) { config.plugins.navigation = { position: "right", expandMode: "over", expandOnFirstPlay: false, visible: false }; } if (kPlayer.plugins["hotspots"]) { config.plugins['playkit-js-hotspots'] = { disable: true }; } if (kPlayer.plugins["moderation"]) { config.plugins['playkit-js-moderation'] = { disable: true }; } if (kPlayer.plugins["info"]) { config.plugins['playkit-js-info'] = { disable: true }; } if (kPlayer.plugins["share"]) { config.plugins.share = { disable: true }; } config.ui.uiComponents = []; if (kPlayer.plugins["googleAnalytics"]) { config.plugins.googleTagManager = {}; config.plugins.googleTagManager.customEventsTracking = {}; config.plugins.googleTagManager.containerId = 'GTM-57RJQ5'; config.plugins.googleTagManager.customEventsTracking.custom = []; config.plugins.googleTagManager.customEventsTracking = { preset: { coreEvents: true, UIEvents: false, playlistEvents: false, castEvents: false } }; }

// Ensure the global player registry array always exists, regardless of embed type. window.kalturaPlayerVideos = window.kalturaPlayerVideos || []; try { var thumbEmbedPromise = thumbnailEmbed({config, mediaInfo: {entryId: "1dgfvmafo"}}); // thumbnailEmbed() returns a Promise that resolves with the player instance // when the user clicks the thumbnail. Use .then() to capture the player directly. thumbEmbedPromise .then(function(player) { window.kalturaPlayerVideos.push(player); // Notify kaltura-datalayer.js that a new player is ready so it can // attach custom event listeners immediately, regardless of when // the user clicked the thumbnail relative to page load. document.dispatchEvent(new CustomEvent('kalturaPlayerReady', { detail: { player: player } })); }) .catch(function(error) { console.error(error); }); } catch (e) { console.error(e.message) }

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