NOVARTIS

Assoc Director- Platform & Data Engineer

Job ID
REQ-10087538

十一月 01, 2026

India

摘要

This role leads the design and delivery of enterprise data platforms and AI-ready solutions using AWS, Databricks, Snowflake, Spark, and Python. It is a highly hands-on technical position focused on building scalable data pipelines, integrations, data products, RAG and agentic AI capabilities, while ensuring strong governance, security, reliability, automation, and performance

About the Role

Major Accountabilities

- Design, build, and optimize scalable batch, streaming, CDC, and event-driven data pipelines using modern data engineering best practices and production-grade Python and SQL.
- Architect secure, resilient, high-performance data platforms and translate business and technical requirements into scalable cloud-based solutions.
- Lead hands-on development and optimization of **Databricks, Apache Spark, Delta Lake, and**

Lakehouse solutions, ensuring reliability, performance, and cost efficiency.
- Design and implement **Snowflake** data engineering solutions, including ingestion, transformation, governance, orchestration, and secure data consumption patterns.
- Engineer enterprise data platforms on **AWS**, leveraging cloud-native services to deliver secure, automated, observable, and highly available data solutions.
- Develop reusable integration frameworks, APIs, CDC processes, and connectivity patterns across enterprise applications, SaaS platforms, governance tools, ERP, and CRM systems.
- Build AI-ready data foundations, including **RAG pipelines, vector retrieval, context engineering, and agentic workflows**, enabling enterprise AI and GenAI use cases.
- Drive engineering excellence through CI/CD, Infrastructure as Code, security-by-design, observability, governance, mentoring, and end-to-end ownership of data products and platform capabilities.

Minimum Requirements

- Bachelor's or Master's degree in Computer Science, Software Engineering, Data Engineering, Information Technology, or a related discipline, or equivalent practical experience.
- **12+** years of experience in software engineering and/or data engineering with proven delivery of large-scale production data platforms.
- Advanced hands-on expertise in **Python, SQL, data modeling, ETL/ELT, CDC, batch, streaming, and event-driven architectures**.
- Strong experience with **Apache Spark (PySpark)**, distributed data processing, performance tuning, and troubleshooting.
- Proven hands-on experience with **Databricks, Delta Lake, and Snowflake** in enterprise-scale environments.
- Deep knowledge of **AWS cloud services**, cloud-native data architectures, security, observability, Infrastructure as Code, and automation.
- Experience implementing CI/CD pipelines, automated testing, monitoring, governance, data quality, security controls, and operational support practices.
- Practical exposure to **Generative AI technologies**, including RAG architectures, embeddings, vector search, LLM integration, context engineering, and agentic workflows.
- Strong understanding of enterprise integration patterns, APIs, SaaS integrations, metadata management, lineage, data governance, and access control frameworks.
- Excellent stakeholder management, communication, mentoring, problem-solving, and delivery leadership skills with a highly hands-on engineering mindset.

Why 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

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)

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Business Unit
Information Technology

地点
India

站点
Hyderabad (Office)

Company / Legal Entity
IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area
Information Technology

Job Type
Full time

Employment Type
Regular

Shift Work
No

var kPlayer = KalturaPlayer55802022 || KalturaPlayer; var config = { targetId: "kalturaplayer6ae950347971c219961265", 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 kalturadatalayer.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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