DD&IT Operations Data, Analytics, DS&AI – Solution Design Expert Supply Chain Data & Analytics

Job ID
REQ-10057398

7   24, 2025

India

This role entails leading the design and development of Global Supply Chain Advanced Analytics applications. It requires hands-on design, development and support to the strategic priorities in Supply Chain and Operations domain. We are seeking a Solution Design Expert in Supply Chain Data & Analytics DSAI (Data Science and Artificial Intelligence) team to drive key digital initiatives, lead multiple advanced analytics projects, and collaborate with global Business and IT stakeholders to ensure successful solution delivery. Key stakeholders include Business Owners /Product Owners, Architecture teams, Data Scientists, DevOps, Security, Integration Factory, Infrastructure teams, Platform team and Compliance team.

About the Role

Major accountabilities:

- Design and development of highly scalable, robust, reusable and maintainable Analytics and Machine Learning solutions for the Supply Chain organization across multiple strategic initiatives.
- Participate in fit-gap workshops, providing effort estimates and solution proposals.
- Develop and maintain code repositories, responding quickly to bug reports and security vulnerabilities.
- Collaborate extensively with colleagues across Security, Compliance, Engineering, Project Management and Product Management.
- Drive data enablement and build digital products/solutions according to business priorities and technology architects' alignment.
- Contribute towards major Automation initiatives leveraging Artificial Intelligence and Machine Learning , Cloud Migration, Data Quality improvement and business process simplification.
- Ensure solutions adhere to architectural and development standards, best practices, and the Data and Analytics strategy.

Key performance indicators:

- Delivery on agreed KPIs including business impact
- Launch of innovative technology solutions across Novartis at scale
- Business impact and value generated from DDIT solutions
- Adoption and development of Agile Productization and DevOps practices
- Operations stability and effective risk management
- Feedback on customer experience
- Applications adherence to ISC requirements and are audit ready.

Minimum Requirements:
Work Experience:

- 8+ years of prior programming experience in a professional environment, building applications across platforms.
- Experience in working with very complex landscape and various integration capabilities.
- Experience in customer facing IT roles
- Strong data engineering fundamentals in data management, ETL and data analysis.
- Strong hands-on exposure in Data & Analytics solutions including Artificial Intelligence and Machine Learning projects.
- AWS certification is preferred but not mandatory.

Skills:

- Highly proficient in Data and Analytics technology and solutions.
- Excellent exposure in various Machine Learning use cases such as demand forecasting, spend forecasting, inventory optimization, route optimization, lead time prediction, recommendation and optimization algorithms.
- Experience in handling external datasets such as weather data, traffic data, flight schedule data etc.
- Hands-on exposure with various AWS services.
- Excellent working experience with data warehouse, data lake, lake house.
- Exposure in SAP S/4 HANA, SAP BW/4HANA would be preferred but not mandatory.
- Hands-on expertise in: AWS services, SQL, Python, Databricks, Snowflake and Power BI.

- Proficient in using: Jira, Confluence, GitHub, Bitbucket, SAP Solution Manager.
- Excellent understanding of Supply Chain business process and KPIs would be preferred.
- Ability to learn new technologies and functional topics in a very short period.
- Ability to align complex technical topics across global IT and Business teams.
- Good grasp of the impacts and opportunities that data and technology will create for Operations.

Languages :

- English.

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

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Operations

Business Unit
Universal Hierarchy Node

India

Hyderabad (Office)

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

Alternative Location 1
Prague, Czech Republic

Functional Area
Technology Transformation

Job Type
Full time

Employment Type
Regular

Shift Work
No

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