Sol. Design Expert Data & Analytics Manufacturing

Job ID
REQ-10064058

11   27, 2025

India

The purpose of the role is to support the design and managing deliverables of Manufacturing Analytics business critical applications as well as provide support for applications from other domains using manufacturing data. You will be providing hands on management for development and support of applications in Manufacturing Analytics area and wider Operations domain. Ensure development runs smoothly, drive continuous process improvement, cooperate with various teams along the solution delivery value chain. Interact with all relevant stakeholders to ensure successful solution delivery with standard designs in line with industry best practices.

Usual stakeholders are: Application Owners, Delivery Managers, Architecture teams, Data Scientists, DevOps, Security, Integration Factory, Infrastructure teams, Platform Support teams, ISRM team as well as Product Owners.

About the Role

Major accountabilities:

- Design and manage the development of modular, reusable, elegantly designed and maintainable software or solutions that supports the Manufacturing organization as well as other Cross Functional strategic initiatives.
- Participate fit-gap workshops with business providing effort estimates and solutions proposals.
- Be hands on, solution driven and customer focused. Develop and maintain the code repositories for which you are responsible and respond rapidly to bug reports or security vulnerability issues.
- Lead external development teams and provide technical guidance when needed.
- Embody and integrate software development best practices into your everyday work and inspire others within the engineering community to emulate these practices.
- Collaborate extensively with your colleagues across Security, Compliance, Engineering, Project Management, Product Management and Business Management.
- Enable data needed for frontend applications on AWS or any other cloud platform to support building data lake and manufacturing analytics use cases on top.
- Driving use cases on real time and near real time analytics, integrations with multiple internal and external systems.
- Ensure delivered solutions adhere to architectural and development standards, best practices, and meet requirements as recommended in the architecture handbook.
- Ensure designed solutions are aligned with Data and Analytics strategy standards and roadmap.
- Bring innovations to the solutions and add measurable values to manufacturing business.

Key performance indicators:

- Committed roadmaps are followed and designs are signed off by domain and data architects a well as business.
- On time delivery of committed applications and enhancements that are able to achieve benefits planned.
- Feedback on customer experience
- Applications adherence to ISC requirements and are audit ready.

Minimum Requirements:
Work Experience:

- 8+ years of previous relevant experience.
- Experience in customer facing IT roles is a plus.
- Strong data engineering fundamentals in data management, data analysis, back end system design.
- Strong hands-on exposure in Data & Analytics solutions (descriptive, diagnostic, predictive & prescriptive)
- Strong hands-on exposure in Data and Analytics solutions is must.
- Hands-on expertise in: AWS services, SQL, Python, Databricks, Snowflake.
- Proficient in using: Jira, Confluence, GitHub, Bitbucket.
- Previous working experience in driving AI/ML (including Generative AI) projects is a plus.
- Previous experience with OT data and/or Digital Twin is a plus.

Skills:

- Analytical Thinking
- Ability to learn new technologies and functional topics in a very short period.
- Ability to align complex technical topics across many IT and Business teams.
- Proactiveness
- Planning.
- Project Management
- Risk Management
- Service Delivery Management
- Stakeholder Management
- Familiar with Agile, Disciplined Agile as well as Waterfall delivery concepts.

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

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.

Accessibility and accommodation
Novartis is committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to perform the essential functions of a position, please send an e-mail to diversityandincl.india@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message

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: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: https://www.novartis.com/careers/benefits-rewards

Operations

Business Unit
Information Technology

India

Hyderabad (Office)

Company / Legal Entity
IN10 (FCRS = INO10) Novartis Healthcare Private Limited

Alternative Location 1
Ljubljana, Slovenia

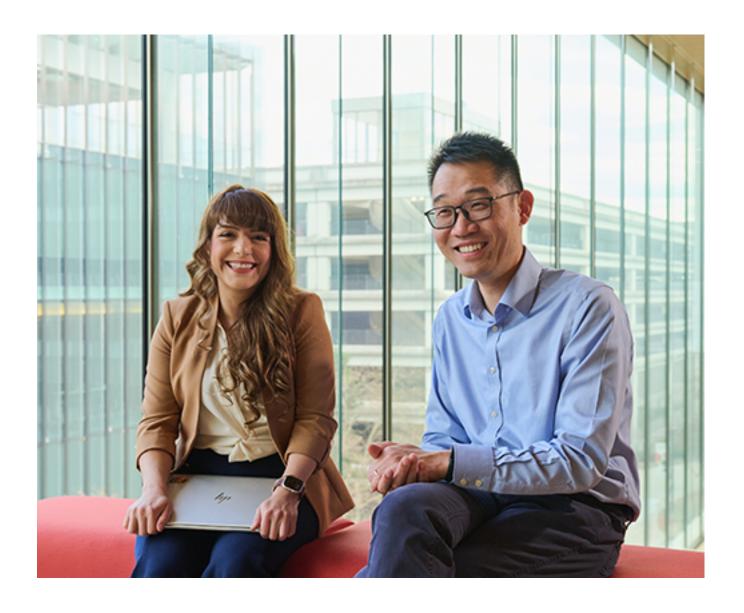Alternative Location 2
Prague, Czech Republic

Functional Area
Technology Transformation

Job Type
Full time

Employment Type
Regular

Shift Work
No

Apply to Job

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