NOVARTIS

Associate Director, DDIT US&I Data Architect

Job ID
REQ-10032485
Dec 19, 2024
India

Summary

Associate Director, DDIT US&I Data Architect - This role at Novartis involves leading the design and implementation of data architecture solutions within the Data Digital and IT (DDIT) function. Here are some key aspects of the job:

Role Purpose:
• Strategic Leadership: Develop and implement data architecture solutions that align with business strategies and drive innovation.
• Technical Expertise: Utilize advanced data architecture frameworks and tools to deliver high-quality solutions.
• Oversee architectural activities for a US&I Analytics Capabilities domain (GenAI, AIMLOps, NLP, Visualization) and manage the development of solution architectures for projects or programs within the US&I DAI business area.
• Coordinate with other teams to ensure the right business and technical capabilities are incorporated into the solution with an appropriate scaling model for future capacity increases.
• Ensure business processes, requirements & outcomes are defined to drive the analytics platform architecture definition.
• Define standards and direction of architecture in the specific business or technical domain.
• Define and develop the logical design and information management strategies necessary to store, move, and manage data in a new target state.
• Utilize architecture patterns to suggest the most adequate utilization of Data and analytics technical platforms to support the holistic DAI solution architecture design.
• Define, create, and evolve the Architecture Governance Framework (e.g., architecture methods, practices, and standards) for IT.
• Incubate and adopt emerging technologies and launch products/services faster with rapid prototyping & iterative methods to prove and establish value. For identified technologies, launch to enterprise scale, ensuring value is derived.
• Focus and align innovation efforts with the Business strategy, IT strategy, and legal/regulatory requirements.
• Establish and update strategies, implementation plans, and value cases to implement emerging technologies.
• Drive innovation using appropriate people, processes, partners, and tools.

About the Role

Key Responsibilities:

- Solution Design: Architect and design data solutions using tools like AWS, Snowflake, and Databricks.

- Project Management: Oversee the delivery of data lake projects, including data acquisition, quality, transformation, and publishing.
- Collaboration: Work closely with business stakeholders to understand requirements and deliver solutions that meet their needs.
- Innovation: Stay updated with industry trends and emerging technologies to drive continuous improvement.
- Emerging Technology Monitoring, Consulting, Influencing & persuading, Unbossed Leadership, IT governance, building High Performing Teams, Vendor Management, Innovative & Analytical Technologies.
- Leveraging Technology for business and customer needs.
- Solid understanding of Analytical and technical frameworks for descriptive and prescriptive analytics.
- Awareness of integration patterns across MDM/RDM and transactional systems.
- Production experience delivering data lake projects, including data acquisition, quality, transformation, and publishing.
- Strong exposure to data security and governance policy definitions and enforcement capabilities.
- Data product-centric approach to defining solutions. Collaborate with business in gathering requirements, grooming product backlogs, driving delivery, and ongoing data product enhancements.
- Agile delivery experience managing multiple concurrent delivery cycles.
- Sound foundation in Analytical Data life cycle management.
- Awareness of Data product change Management and risk mitigation.

Key Performance Indicators:

- Achieved targets in Enterprise business case contribution, KPIs, customer satisfaction, and innovation measures
- Business capability, vision & strategy clearly defined, communicated, and executed, well aligned to business strategy and Enterprise IT strategy, and providing a competitive advantage to Novartis
- Role model with the highest standards of professional conduct in leading the business capability area in line with the new IT operating model
- Deployment of digital platforms and services at scale to deliver the digital strategy
- Operational Efficiency
  - Data Processing Time: Average time taken to process and make data available for analysis.
  - System Uptime: Percentage of time the data systems are operational and available.
- Stakeholder Satisfaction:
  - Stakeholder Feedback Score: Ratings from internal stakeholders on the usefulness and accessibility of data.
  - Issue Resolution Time: Average time taken to resolve data-related issues reported by stakeholders.
- Innovation and Improvement:
  - Implementation of New Technologies: Number of new data tools or technologies successfully integrated.
  - Process Improvement Initiatives: Number of initiatives aimed at improving data architecture processes.
- Project Delivery:
  - On-time Delivery Rate: Percentage of projects completed on or before the deadline.
  - Project Success Rate: Percentage of projects that meet their objectives and deliver expected outcomes.
- Data Utilization:
  - Data Usage Rate: Frequency and extent to which data is accessed and used by the commercial team.

- Insights Generated: Number of actionable insights derived from data analytics.

Skills:

- Emerging Technology Monitoring, Consulting, Influencing & persuading, Unbossed Leadership, IT governance, building High Performing Teams, Vendor Management, Innovative & Analytical Technologies.
- 10+ Yrs of Solid understanding of Analytical and technical frameworks for descriptive and prescriptive analytics.
- Strong familiarity with AWS, Databricks, and Snowflake service offerings.
- Experience integrating disparate analytical and visualization platforms.
- Strong knowledge of MLOps and project life cycle management.
- Strong exposure to data security and governance policy definitions and enforcement capabilities.
- Data product-centric approach to defining solutions. Collaborate with business in gathering requirements, grooming product backlogs, driving delivery, and ongoing data product enhancements
- Agile delivery experience managing multiple concurrent delivery cycles.
- Sound foundation in Analytical Data life cycle management.
- Awareness of Data product change Management and risk mitigation.
- Strong analytical and problem-solving skills, effective communication, and the ability to influence and collaborate with cross-functional teams

Education:

- Bachelor's degree in computer science, engineering, or a related field.

Desirable:

Experience with pharmaceutical data and familiarity with global data sources

Commitment to Diversity & Inclusion:

We are 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.

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

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: https://talentnetwork.novartis.com/network

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

Division

Operations

Business Unit

CTS

Location

India

Site

Hyderabad (Office)

Company / Legal Entity

IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Alternative Location 1

Barcelona Gran Vía, Spain

Functional Area

Technology Transformation

Job Type

Full time

Employment Type

Regular

Shift Work

No

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