

Assoc. Dir. DDIT IES Cloud Plat. Azure

Job ID
REQ-10066103

11月 10, 2025

India

摘要

-Expert and Responsibility for complex:a) Solution Design and Architecture of Technology Assets / Products orb) Platform Architecture and Governance of Technology Platforms.

About the Role

Major accountabilities:

- Architect and Design: Lead the design and architecture of an Azure-based AI infrastructure platform, with a focus on supporting generative AI workloads and advanced analytics for pharma business use-cases.
- Platform Development: Develop and deploy scalable AI solutions, leveraging Azure ' s suite of services, including Azure Machine Learning, Azure Synapse Analytics, and other relevant tools.
- Data Management: Oversee the design and implementation of data storage, retrieval, and

processing pipelines, ensuring the efficient handling of large datasets, including genomic and chemical compound data.

- **Security and Compliance:** In collaboration with cloud domain security architects, implement robust security measures and ensure compliance with relevant industry standards, particularly in handling business sensitive data.
- **Collaboration:** Work closely with data scientists, research scientists, and other business stakeholders to understand their needs and translate them into technical requirements.
- **Performance Optimization:** Optimize the performance and cost-efficiency of the platform, including monitoring and scaling resources as needed.
- **Innovation:** Stay updated with the latest trends and technologies in AI and cloud infrastructure, continuously exploring new ways to enhance the platform's capabilities.
- **Multi-Cloud:** Has good exposure/understanding of other Cloud and GenAI technologies like GCP, OpenAI, Perplexity, AWS, etc.

Minimum Requirements:

Work Experience:

- Bachelor ' s degree in information technology, Computer Science, or Engineering.
- MS-Azure Solution Architect certification - professional level
- 10+ years of solid experience working in public cloud environments; delivering infrastructure and platform services across geographic and business boundaries
- Minimum 5+ years ' experience working in MS-Azure Solution Architect / Design Expert role for large enterprises
- Deep understanding of Architecture and Design of Platform Engineering products with focus mainly on Data science/ML compute products, Cognitive, (Gen)AI, etc.
- Extensive experience in building infra solutions on Microsoft Azure, particularly with services like Azure OpenAI, AI Studio, Machine Learning, Azure Kubernetes Service (AKS), Azure Synapse Analytics, Azure Cognitive Services and Azure Data Lake.
- Proficiency in AI and Machine Learning frameworks (TensorFlow, PyTorch, Keras) and familiarity with model deployment and operationalization (MLOps).
- Solid hands-on experience in Generative AI techniques, including Natural Language Processing (NLP), Generative Adversarial Networks (GANs), and transformer models (e.g., GPT, BERT).
- Good understanding in data engineering, including ETL processes, data warehousing, and working with both structured and unstructured data.
- Knowledge of containerization and orchestration technologies, such as Docker and Kubernetes.
- Experience with DevOps practices and tools, including CI/CD pipelines, infrastructure as code (IaC), and monitoring solutions.
- Experience with DevOps Orchestration/Configuration/Continuous Integration Management technologies
- Good understanding of High Availability and Disaster Recovery concepts for infrastructure

Skills:

- Microsoft Azure Architecture & Platform Engineering
- AI and Machine Learning (TensorFlow, PyTorch, Keras, MLOps)
- Generative AI & NLP (GPT, BERT, GANs, Transformer models)

- Azure Data & Analytics Services (Synapse, Data Lake, Cognitive Services, AI Studio, OpenAI)
- Azure Kubernetes Service (AKS) & Containerization (Docker, Kubernetes)
- DevOps & Infrastructure as Code (CI/CD pipelines, IaC, Monitoring)
- Cloud Solution Design for High Availability & Disaster Recovery
- Cognitive & (Gen)AI Solution Architecture and Deployment
- Security & Compliance Integration within Cloud Platforms

Why consider Novartis?

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部门

Operations

Business Unit
Information Technology

地点
India

站点
Hyderabad (Office)

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

Functional Area
Technology Transformation

Job Type
Full time

Employment Type
Regular

Shift Work
No

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