

RISHABH TRIVEDI

Frankfurt, Germany | **Phone:** +49-1767-0410-594 | **E-Mail:** contacttorishabh@gmail.com |
LinkedIn: <https://linkedin.com/in/rishabh-trivedi-25615757>

Professional Summary

A Senior Cloud Solutions Architect with 12+ years of experience designing and delivering large-scale data and AI platforms on Azure and Google Cloud. Expert in building secure, scalable, and cost-efficient cloud-native architectures using leading services and tools. Proven leader in data engineering, DevOps, and governance, with a strong track record of driving innovation and operational excellence to support business transformation.

Key Skills

Cloud Platforms: Azure, Google Cloud Platform (GCP), AWS

Big Data & Analytics: Databricks, Hadoop, Spark, Hive, Impala

Programming & Scripting: Python, SQL, Shell

Compute : Kubernetes, Virtual machines

DevOps : Terraform, GitHub Actions

Data Engineering: ETL pipelines, Data Lakes, Streaming (Kafka, Pub/Sub), Azure Data Factory

Security & Monitoring: IAM, Cloud Monitoring, Logging, Networking

Professional Experience

Deutsche Börse – Frankfurt, Germany

Senior Cloud Solutions Architect – Data & Analytics | Jan 2025 – Present

- **Self-Serve Data Platform on Google Cloud**
 - Designed and deployed a self-serve data platform using a data mesh architecture, enabling decentralized data ownership across 10+ domains.
 - Implemented Databricks Delta Sharing for secure cross-team data exchange, increasing collaboration speed by 30%.
 - Automated resource deployment with Terraform Enterprise and GitHub Actions, reducing manual provisioning time by 90%.
 - Integrated robust data cataloging and metadata management to enhance discoverability and governance.
 - Championed security and compliance by leveraging IAM, VPC-SC & Network Security.

- **Enterprise Data Catalog (Atlan)**

- Integrated Atlan's data catalog to unify metadata management, improving data discovery and lineage tracking across cloud and on-premises systems.
- Automated metadata updates for 1000+ assets, ensuring real-time accuracy and compliance.
- Established role-based access controls, aligning with GDPR and internal security standards.

Cloud Solutions Architect – Data & Analytics | Jul 2020 – Dec 2024

- **Big Data & Advanced Analytics Initiatives**

- Migrated a 3-tier application from on-premises to Azure PaaS, improving scalability and reducing infrastructure costs by 25%.
- Developed real-time analytics pipelines integrating Kafka and Azure Databricks, enabling near-instant business insights.
- Led Proof of concepts for deploying Looker with custom extensions and CDC using Kafka Connect, demonstrating significant potential for operational efficiency.
- Streamlined infrastructure management through Terraform, Atlantis, and CI/CD pipelines.

Tata Consultancy Services – Gurgaon, India

Big Data Engineer | Dec 2013 – Jun 2020

- Managed a Hadoop data lake supporting 1,500+ users, achieving a 20% boost in processing efficiency through performance tuning.
- Designed disaster recovery architecture ensuring 100% system availability.
- Automated repetitive processes, reducing project delivery time by 33%.
- Upgraded Cloudera Data Hub (CDH) clusters, enhancing stability and performance.

Certifications

Amazon Web Services (AWS): Solutions Architect Professional | Solutions Architect Associate | Cloud Practitioner | Data & Analytics Specialty

Microsoft Azure: Azure Administrator | Azure Fundamentals

Hashi Corp: Terraform Associate

Google Cloud: Associate Cloud Engineer | Generative AI Leader

Databricks: Data Engineer Professional | Data Engineer Associate

Language: Telc Certified German Language – B1

Education

Bachelor of Technology (B.Tech) - Electronics & Communication Engineering (ECE)
Madan Mohan Malaviya Engineering College, India – 2013