RISHABH TRIVEDI

Frankfurt, Germany | **Phone**: +49-17670410594 | **E-Mail**: contacttorishabh@gmail.com | **LinkedIn**: https://linkedin.com/in/rishabh-trivedi-25615757

Professional Summary

Cloud Solutions Architect with 11+ years of experience designing and delivering large-scale data and analytics platforms on Azure and Google Cloud. Proven track record in building cloud-native, cost-efficient, and secure architectures that accelerate business transformation. Strong collaborator and team leader skilled in DevOps, data engineering, and governance, with deep expertise in driving innovation and operational excellence.

Key Skills

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

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

Programming & Scripting: Python, SQL, Shell

DevOps & IaC: Terraform, GitHub Actions, Kubernetes, Atlantis

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

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

Professional Experience

Deutsche Börse – Frankfurt, Germany
Cloud Solutions Architect – Data & Analytics | Jul 2020 – 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 0%.
  - 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-premise 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.

- **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 PoCs 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

Google Cloud: Associate Cloud Engineer

Databricks: Data Engineer Professional | Data Engineer Associate

Language: Telc Certified German Language – B1

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