



Rahul Gosavi

Lead Data Engineer & Databricks Solutions Architect Champion

Databricks Partner Solution Architect Champion • Azure Data Platform Architect • 8+ Years

CONTACT

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CORE COMPETENCIES

Enterprise Architecture

Databricks Lakehouse

Azure Data Platform

Technical Leadership

Stakeholder Management

Data Governance

Performance Engineering

Cost Optimization

Platform Reliability

TECHNICAL SKILLS

AZURE

Data Factory Event Hubs

Functions Blob Storage

Synapse Data Explorer

Logic Apps

DATABRICKS

Delta Lake Unity Catalog

Lakeflow Auto Loader Photon

Auto CDC

PROGRAMMING & DATA

PySpark Python SQL

REST APIs Snowflake

ARCHITECTURE & STREAMING

Medallion Structured Streaming

Metadata-Driven Design SCD

Data Quality

ANALYTICS & DEVOPS

Power BI Azure DevOps CI/CD

GitHub Copilot

EXECUTIVE SUMMARY

Enterprise Data Platform Architect and Lead Data Engineer with 8+ years of experience designing secure, governed, high-performance data ecosystems across Azure and Databricks. Trusted to translate complex operational priorities into scalable Lakehouse architectures, real-time streaming platforms, metadata-driven frameworks, enterprise data quality controls, and API-led integrations. Combines deep expertise in Delta Lake, PySpark, Lakeflow Declarative Pipelines, Structured Streaming, Unity Catalog, and performance engineering with architecture ownership, cost discipline, stakeholder leadership, and hands-on delivery. Known for building reusable standards that improve reliability, accelerate source onboarding, strengthen governance, and enable engineering teams to operate at enterprise scale.

EXECUTIVE HIGHLIGHTS

8+ Years

Enterprise data engineering and platform delivery

PSA Champion

Databricks Partner Solution Architect Champion

10+ Certifications

Microsoft and Databricks credentials

Azure Architect

Azure Solutions Architect Expert

Databricks Professional

Data Engineer Professional certified

Lakehouse Architect

Enterprise architecture and governance

Streaming Specialist

Event Hubs and Structured Streaming

Award-Winning Delivery

Etihad High Performance; Xebia Excellence and Extra Mile

Innovation Finalist

Etihad Airways Hackathon — 2nd Runner-up

PROFESSIONAL EXPERIENCE

Lead Azure Data Engineer

Xebia IT Architects Middle East

CURRENT

Client: Etihad Airways | Connected Operations Platform | Abu Dhabi, UAE

- Own enterprise architecture for the Connected Operations data platform, shaping a governed Databricks Lakehouse built on Medallion Architecture, Delta Lake, Unity Catalog, Azure Data Factory, Blob Storage, and Power BI.
- Designed the enterprise streaming backbone using Azure Event Hubs, Structured Streaming, Auto Loader, and Lakeflow Declarative Pipelines to power reliable operational data flows and near-real-time decision support.
- Built a reusable metadata-driven ingestion framework that standardizes source onboarding, transformation patterns, operational controls, auditability, and deployment across batch, streaming, file, and API workloads.
- Architected an enterprise Data Quality Framework supporting automated validation across thousands of business rules, improving trust, exception visibility, and control coverage across critical data products.
- Designed a reusable API ingestion framework integrating operational airline systems through REST APIs and Azure Functions, with resilient authentication, pagination, retry, error-handling, and observability patterns.
- Implemented Auto CDC and Slowly Changing Dimension processing to preserve history, simplify incremental processing, and improve consistency across curated enterprise datasets.

CERTIFICATIONS

MS

Azure Solutions Architect Expert
Microsoft

MS

Azure Data Engineer Associate
Microsoft

MS

Azure Administrator Associate
Microsoft

MS

Azure Data Fundamentals
Microsoft

MS

Security, Compliance & Identity Fundamentals
Microsoft

DB

Data Engineer Professional
Databricks

DB

Data Analyst Associate
Databricks

DB

Apache Spark Developer Associate
Databricks

DB

Platform Architect
Databricks

DB

Platform Administrator
Databricks

DB

Lakehouse Fundamentals
Databricks

AWARDS & RECOGNITION

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Etihad Airways High Performance Award

2

Etihad Airways Hackathon — 2nd Runner-up

A

Xebia Excellence Award

A

Xebia Extra Mile Award

D

Databricks Partner Solution Architect Champion

COMMUNITY LEADERSHIP

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Technical speaker and enterprise knowledge-sharing lead

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Medium technical blogger

D

Databricks community contributor

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Internal technical mentor

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Publisher of reusable engineering utilities

CURRENT-ROLE IMPACT

45% Lower Compute Cost

Led Databricks cost optimization through custom utilities, workload analysis, cluster right-sizing, and disciplined operating standards.

Performance at Scale

Applied Photon, partitioning, Delta optimization, caching, and workload tuning; embedded performance practices into reusable standards.

Secure Delivery & Operations

Standardized Azure DevOps CI/CD, governance, access control, monitoring, recovery, and production support while mentoring engineers.

MAJOR ENTERPRISE INITIATIVES

Connected Operations Platform

Enterprise Lakehouse foundation unifying governed operational data for airline decision-making.

Enterprise Data Quality Framework

Automated, metadata-driven validation and exception controls across thousands of business rules.

Metadata-Driven Framework

Reusable onboarding, orchestration, audit, and operational patterns across diverse data sources.

Databricks Cost Optimization

Engineering utilities and workload strategies delivering approximately 45% lower compute cost.

GitHub Copilot Productivity Utilities

Automated operational tasks, cluster management, metadata handling, and deployment activities.

Enterprise Streaming Platform

Event Hubs, Structured Streaming, Auto Loader, and Lakeflow pipelines for resilient real-time data.

API Integration Framework

Secure, reusable ingestion patterns for operational airline systems and REST endpoints.

Enterprise Lakehouse Architecture

Medallion, Delta Lake, Unity Catalog, security, governance, reliability, and operational standards.

EARLIER CAREER EXPERIENCE

Yash Technologies

Dates not provided

Azure Data Engineering

- Delivered Azure Data Factory and Azure Databricks solutions using PySpark, Snowflake, Power BI, and metadata-driven patterns to create scalable, maintainable data pipelines.
- Established Azure DevOps CI/CD and performance-optimization practices that strengthened deployment consistency, environment control, workload efficiency, and production readiness.

Infogain

Dates not provided

Cloud Data Engineering

- Engineered Azure Databricks and PySpark solutions integrating Azure Synapse, Azure Data Explorer, streaming services, and Power BI analytics.
- Developed streaming and analytical data flows with Azure DevOps delivery controls, improving operational insight, release repeatability, quality assurance, and production stability.

Accenture

Dates not provided

Azure Data & Cloud Engineering

- Built cloud data pipelines using Azure Data Factory, PySpark, Azure Stream Analytics, Azure Event Hubs, Logic Apps, and SQL.
- Supported cloud migration by translating legacy integration requirements into scalable Azure-native patterns, while protecting continuity through disciplined production support and permanent-fix delivery.

LEADERSHIP & INNOVATION

Architecture Leadership

Owens platform direction across governance, security, reliability, performance, deployment, and operations.

Engineering Enablement

Creates reusable frameworks, standards, and utilities that accelerate delivery and improve consistency.

Team & Stakeholders

Mentors engineers, leads technical decisions, and aligns platform outcomes with enterprise priorities.

EDUCATION

EDU

Bachelor of Engineering in Computer Engineering

Pune University, Pune — July 2017