

Mayur Jain

mayurjain333@gmail.com | 562-254-7817 | [LinkedIn/mayurjain007](https://www.linkedin.com/in/mayurjain007) | [GitHub/mayurjainf007](https://github.com/mayurjainf007) | [Portfolio \(Try Me\)](#)

Professional Summary

Senior Data Engineer with 4+ years of experience building analytics-driven data warehouse and lakehouse solutions using **Snowflake, Databricks, SQL, Python, and PySpark** on **AWS and Azure**. Proven expertise in designing scalable data pipelines, optimizing analytical queries, and delivering high-quality datasets for reporting, dashboards, and decision support. Strong background in cloud data architecture, data modeling, performance optimization, and governance, with hands-on experience supporting enterprise analytics and regulated workloads.

Skills

Data Warehousing & Analytics: Snowflake, Databricks, Data Warehousing, Lakehouse Architecture, Analytical Data Modeling
Snowflake: Advanced SQL, Virtual Warehouses, Resource Monitoring, RBAC, Time Travel, Streams, Tasks, Query Optimization
Databricks & Big Data: Apache Spark, PySpark, Delta Lake, Performance Tuning
Programming & Analytics: SQL (Advanced), Python, PySpark
Cloud Platforms: AWS (S3, Glue, EMR, Lambda, CloudWatch), Azure (ADF, Storage, Databricks)
Data Integration: ETL/ELT Pipelines, Batch & Streaming Ingestion, REST APIs
Data Quality & Governance: Validation Frameworks, Reconciliation, Audit Readiness, Access Controls
Orchestration & DevOps: Airflow, CI/CD, Jenkins, Docker
Ways of Working: Agile/Scrum, Stakeholder Collaboration, Technical Documentation

Professional Experience

California State University Long Beach

Research Assistant (Academic)

Oct 2025 – Current

Remote

- Supporting research focused on **data engineering, analytics pipelines, and automation**.
- Developing **Python-based prototypes** to analyze data workflows, quality checks, and documentation processes.

Associated Students Inc.

Data Analytics Engineer (Part-Time)

Mar 2024 – May 2025

California

- Built and maintained **SQL-driven analytical datasets** supporting operational and financial reporting.
- Optimized SQL queries and reporting views to improve dashboard performance and data reliability.
- Partnered with stakeholders to define metrics, KPIs, and reporting logic.

ZS Associates Ltd.

Associate Consultant – Data Engineer

Sep 2022 – Jul 2023

India

- Developed **analytics-ready datasets** and ELT pipelines using **Databricks, SQL, and Python** for enterprise reporting and insights.
- Designed transformation layers and analytical views to support dashboards and ad-hoc analysis.
- Worked directly with consultants and client stakeholders to gather requirements and deliver scalable cloud data solutions.
- Documented data models, SQL logic, and pipeline dependencies to support long-term maintainability.

Tata Consultancy Services Ltd.

System Engineer – Data Engineer (Client: Lloyds Banking Group)

Jul 2019 – Sep 2022

India

- Designed and operated scalable **cloud-based analytics pipelines** using **Spark, PySpark, Python, and SQL** to support enterprise reporting and decision-making.
- Built and optimized **analytical data warehouse layers** integrating large volumes of structured and semi-structured data for fraud and risk analytics.
- Engineered **near-real-time Kafka–Spark pipelines** delivering timely analytical datasets, improving data processing efficiency by **30%**.
- Implemented robust **data quality, reconciliation, and audit controls** ensuring accuracy and compliance for downstream analytics.
- Supported cloud data platforms feeding **Snowflake-based reporting and analytics workloads**.
- Collaborated with business, analytics, and compliance teams to translate requirements into performant data models and SQL transformations.

Certifications

- AI Agent Intensive Course with Google (Kaggle)
 - Databricks Data Engineer
- Microsoft Azure Data Engineer Associate
 - Oracle Cloud Infrastructure Foundations

Education

California State University, Long Beach | *Master of Science in Computer Science*May 2025

Guru Tegh Bahadur Institute of Technology | *Bachelor of Technology in Information Technology*May 2019