

ROOPAL SHARMA

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Summary

Results-driven Data Engineer with 6 years of experience designing scalable data pipelines and analytics solutions. Proven expertise in Azure Data Factory (ADF), Azure SQL Data Warehouse (Synapse), Azure Data Lake, Databricks (PySpark/Scala), and T-SQL. Adept at delivering high-quality data ingestion pipelines, performance optimization, and data warehouse development. Demonstrated success in legacy migration, automation, and documenting solutions aligned with data governance standards.

Skills

- **Cloud & Big Data:** Azure Data Factory, Azure Databricks, Azure SQL Data Warehouse (Synapse), Azure Data Lake, Azure DevOps, Snowflake
- **Programming & Scripting:** Python, PySpark, Scala, T-SQL, Power Query
- **Pipeline & Automation:** ETL/ELT, Data Ingestion, Data Pipeline QA, CI/CD Integration
- **BI & Governance:** Power BI, Tableau, Dataiku, Azure Purview, Unity Catalog
- **Tools:** GitHub, DevOps Boards, JIRA, REST API

Experience

- 08/2024 - 03/2025
Accenture
Gurugram, IN
Data Governance and Management Sr. Analyst
 - Designed and delivered data pipelines using **Azure Data Factory** and **Azure SQL Data Warehouse**, aligned with backlog items and strategic projects.
 - Developed JSON ingestion workflows with dynamic schema detection using **Python**, enabling scalable and automated data ingestion into **ADLS**.
 - Optimized energy data pipelines and transformed datasets for reporting, achieving 30% higher throughput.
 - Authored technical documentation to meet **Data Governance** and compliance standards.
 - Created Tableau dashboards using curated warehouse views, enhancing business insight into energy KPIs.
- 10/2022 - 07/2024
HCL Tech
Noida, IN
Lead Engineer
 - Migrated legacy Qlik reports and flat-file data workflows into **Tableau and Azure SQL DW**, reducing report latency and enhancing visual analytics.
 - Designed automated ingestion pipelines, integrating **Dataiku, ADF, and Azure Data Lake**, improving batch processing efficiency.
 - Conducted pipeline QA, UAT, and maintained SLA by integrating error handling and **auto-alert mechanisms(solved 200+ Tickets)**.

- Orchestrated workflows using **Power Query and Python scripting**, reducing manual effort by 25%.

● 06/2021 - 09/2022
Celebal technologies
Gurugram, IN

Associate – Big Data & EDW

- Built scalable **ETL pipelines** on **Azure Data Factory** and **Azure Databricks (PySpark)** for ingestion and transformation across Azure SQL and Data Lake targets.
- Delivered high-performance **Synapse SQL** workloads with optimized query performance.
- Implemented schema validation, automated email alerts, and **job retries** for fault-tolerant orchestration.
- Participated in the first-call rotation and proactively improved legacy batch flows with minimal downtime.

● 08/2019 - 04/2021
Datanova India Pvt
Ltd
Noida, IN

Jr. Software Engineer

- Created custom **T-SQL** stored procedures, views, and triggers for high-volume transactional data processing.
- Improved query performance by 40% through indexing and query optimization.
- Maintained and supported production databases; documented logic for future migr

Education and Training

● 07/2019

B.Tech in Computer Science And Engineering
Krishna Engineering College

Certifications

- Microsoft Certified: **Azure Data Fundamentals (DP-900)**
- Microsoft Certified: **Azure Fundamentals (AZ-900)**