

Shrikant Pandey

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LinkedIn | **GitHub**

PROFILE

- Azure Data Engineer with 5.5 years of experience building secure, scalable, and cost-effective data solutions.
- Domain expertise in financial services, fund management, supply chain, and pharmaceutical analytics.
- Delivered data projects for financial, retail, and product clients.
- Proficient in Azure Databricks, Snowflake, ADLS Gen2, and Azure Blob Storage.
- Built and scheduled data pipelines using Azure Data Factory (ADF).
- Strong in PySpark (Core, SQL, DataFrames) and advanced SQL query optimization.
- Migrated on-prem systems to Azure Data Lake, Blob Storage, and Azure SQL DB.
- Agile practitioner; used JIRA to track sprints, issues, and bugs.

TECHNICAL SKILLS

Programming Languages: Python, SQL

Big Data Technologies: Azure Databricks, PySpark, Spark, Spark SQL

Databases: MySQL, SQL Server

Cloud Computing: Azure Databricks, Azure Data Factory (ADF), ADLS Gen2, Blob Storage, Key Vault, Logic App, Azure DevOps, AWS S3

CI/CD Tools: Azure DevOps, GitLab, GitHub

Agile Tools: Jira

SOFT SKILLS

Teamwork and collaboration, Time management, Self-discipline, Attention to detail, Excellent communication

EXPERIENCE

Amtex System

Nov 2023 – Present

Senior Data Engineer

Gurgaon, India

- Developed Spark applications in Azure Databricks to process data from ADLS Gen2 and Azure SQL Server, delivering insights into customer usage patterns.
- Scheduled Databricks notebooks and pushed final results into Snowflake.
- Optimized PySpark code, improving performance by 60% and reducing processing time by 40%.
- Reduced Snowflake warehouse cost by 70% through query optimization.
- Created file formats, stages, and tasks for multiple vendor tables in Snowflake.
- Built Snowpipe pipelines to ingest data from ADLS Gen2 into Snowflake.
- Participated in Agile ceremonies and tracked issues using JIRA.
- Migrated data from on-prem SQL Server to Azure and Snowflake.

Brillio

Aug 2022 – Oct 2023

Senior Data Engineer

Bangalore, India

- Designed and implemented end-to-end healthcare pipeline using ADF, Databricks, and ADLS Gen2 with Medallion Architecture.
- Performed data cleansing, SCD Type 2, and CDM transformation in Silver layer using Azure Databricks.
- Reduced storage size by 75% by converting raw CSVs to Parquet and Delta formats.

MotherSumi Infotech & Designs Ltd. (MIND)

June 2021 – July 2022

*Data Engineer**Noida, India*

- Built and optimized a supply chain analytics pipeline processing 10M+ records/day with Azure Databricks and Delta Lake.
- Implemented SCD2-based incremental ingestion, improving performance 10x and reducing costs.
- Tuned Spark performance, cutting job runtimes by 20% while managing a 10 TB dataset with 12 billion records.
- Developed data ingestion pipelines for flat file ingestion into the Data Lake.
- Optimized and automated a Python-based data processing workflow, resulting in a **95%** reduction in manual effort.

Syngene International Limited

June 2019 – June 2021

*Data Engineer**Bangalore, India*

- Extracted genes and molecular data from the web and stored in MySQL database. Scheduled the automation process using the cron job
- Automated Excel data processing using Python scripts, improving efficiency and reducing manual intervention.

EDUCATION

MNNIT Prayagraj

Prayagraj, Uttar Pradesh

*Master of Computer Applications**Jul 2015 – Jun 2018*