

Rachi Rangari

(Data Engineer)

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 [LinkedIn](#)

- Innovative Data Engineer with a strong foundation in distributed systems and building robust data pipelines.
- Skilled in data processing to transform raw data into valuable insights and contributing to data-driven organizational success.
- Adept at collaborating with cross-functional teams to ensure seamless data integration and operational efficiency.

WORK EXPERIENCE

Accenture (Data Engineer)

(FEB 2022- Present)

1. RPM-Data Supply Chain:

- Efficiently ingested and processed data from multiple sources using Azure Data Factory (ADF) through robust data ingestion pipelines, transferring data to Bronze, Silver, and Gold layers.
- Optimized the spark Jobs and cluster metrics by fine-tuning configurations for task execution efficiency, resulting in a 25% reduction in processing time and a 20% increase in overall system performance.
- Developed centralized solutions in Databricks notebooks to streamline the loading and consolidation of data across all four segments.
- Conducted in depth analysis of mapping documents to ensure accurate alignment with data consolidation objectives, maintaining data integrity and consistency.
- Identified and resolved data discrepancies through comprehensive validation checks, improving reporting accuracy by 15%.
- Collaborated effectively with cross-functional teams, including the Functional, Dashboard team, to deliver cohesive and reliable data solutions.

Technologies used:

Source-ADLS (Gen2)
ETL- Azure Data Factory
Data Processing: Azure Databricks
Database -MYSQL
CI/CD-GitHub
Data warehouse-Synapse

2. NCAP- Operational Support Management:

- Created robust data pipeline using ADF from scratch and processed the data by creating some list of activities based on business use case.
- Optimized the ADF activity by using Parallelism, Partitioning and Tuning techniques.
- Orchestrated the data pipeline for weekly runs and took the responsibility of pre-validations, monitor and post-validations of data loaded.
- Implemented data quality checks resulting in a 25% reduction in data errors and improved data accuracy, ensuring a high-quality dataset for analytics and reporting purposes.
- Developed the design and technical documents according to the low-level design, ensuring adherence to the client's best practices.
- Performed root cause analysis in case of failure.

Technologies used:

Source – Hive
Data Processing –ADF
Data warehouse- Synapse
CI/CD – Jenkin
Orchestrating Tool – ADF

SKILLS

- Cloud Technology – Azure Data Factory , Azure Databricks
- RDBMS – MYSQL(Proficient)
- CI/CD –GitHub/ Jenkins
- Data warehouse- Hive, Azure Synapse
- Programming Language – Python
- Distributed Frameworks – Apache Spark

EDUCATION

B.E (Computer Engineering)

Government college of Engineering, Jalgaon

• CGPA - 8.42

• Aug 2017 – June 2021

CERTIFICATIONS

- Azure Data Fundamentals (DP-900 , Issued date – August 2023)
- Azure data Engineering Associate (DP-203, Issued date – Nov 2023)
- Databricks Certified Data Engineer Associate (Issued date – May 2023)

Extra-Curricular

- Leded Microsoft Call for any production issue.
- Completed SQL skill forge bootcamp.
- Involve in Knowledge transfer session (KT) for newly joined resource.