Arundhati Tak

Data Engineer

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PROFILE

Experienced Data Engineer with expertise in designing and implementing ETL pipelines using Databricks and Microsoft Fabric. Proficient in SQL, data warehousing, and PySpark, with hands-on experience in integration services such as Azure Data Factory and SSIS. Skilled in optimizing data workflows and delivering scalable, high-performance solutions.

PROFESSIONAL EXPERIENCE

Associate Data Engineer   07/2024 – present
Celebal Technologies   Pune, India
- Built and maintained data pipelines using **ADF**, **Databricks**, and **PySpark**.
- Worked on **real-time data orchestration** with **Microsoft Fabric**.
- Designed data models and implemented **automated data quality checks**.
- Hands-on with **streaming data**, **lakehouse architecture**, and Azure data tools.

PROJECTS

Confidential Law Firm, Canada
- Developed real-time ingestion using **Microsoft Fabric**, combining **SQL Server CDC** with **Debezium** and **Azure Event Hub**.
- Achieved sub-5-second latency to load data into the **Bronze Lakehouse**, with automated processing to **Silver** and **Gold** layers.
- Enabled near real-time reporting by orchestrating end-to-end data workflows in a legal domain environment.
- **Technologies:** Microsoft Fabric, Debezium, Azure Event Hub, SQL Server, Lakehouse (Bronze/Silver/Gold), Real-Time Streaming, SFTP, MTAPI, Intapp

Automated Data Platform for Hospitality Industry
- Developed **ADF pipelines** to ingest data from multiple sources into **Azure Data Lake (ADLS)**, forming the bronze layer.
- Automated data cleaning, enrichment, and transformation using **PySpark** and **Spark SQL** for the silver layer.
- Streamlined data workflows and reduced manual intervention through orchestration and automation.
- **Technologies:** PySpark, Spark SQL, Databricks, Azure Data Lake (ADLS), Azure Data Factory (ADF), SQL Server

SKILLS

- **ETL Tools**: Azure Data Factory (ADF), SSIS
- **Big Data Technologies**: Databricks, Microsoft Fabric
- **Programming & Scripting**: Python, SQL, PySpark
- **Data Warehousing**: Dimensional Modeling, Data Pipeline Automation
- **Cloud Platforms**: Azure, AWS
- **Others**: CI/CD, Real-Time Data Processing

CERTIFICATES

- Microsoft Fabric Data Engineer Associate
- Databricks Certified Data Engineer Professional

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science   2020 – 2024
Lovely Professional University   Punjab, India

Higher Secondary Education   2018 – 2020
BVM Junior College Of Science   Maharastra, India