

# 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

Celebal Teachnologies

07/2024 – present

Jaipur, India

- Developed **end-to-end ETL pipelines** using **Azure Data Factory (ADF)**, **Databricks**, and **PySpark** for efficient data processing and transformation.
- Leveraged **Microsoft Fabric** for real-time data orchestration and enhanced analytics with reusable models.
- Designed scalable **data warehouse models** and automated **data quality checks** to ensure pipeline reliability.

### PROJECTS

#### Automated Data Platform for Hospitality Industry

- Designed and implemented an Azure-based data platform using **medallion architecture** (bronze, silver, gold layers).
- Built **ADF pipelines** for data ingestion from multiple sources into Azure Data Lake (bronze layer).
- Automated data enrichment and transformations using **PySpark** and **Spark SQL** (silver layer).
- Established the gold layer as a **BI data consumption layer** for analytics and decision-making.
- Streamlined data migration and transformation processes, reducing manual effort.
- Technologies:** PySpark, Spark SQL, Databricks, Azure Data Lake (ADLS), Azure Data Factory (ADF), SQL Server

#### Data Integration and Reporting for Finance Company

- Developed scalable **ETL pipelines** for sales and financial data using **SSIS** and **SQL Server**.
- Performed complex data transformations in **Databricks** for structured analysis.
- Automated pipeline execution and monitoring with **Azure Data Factory**.
- Ensured data accuracy with rigorous **quality checks**.
- Technologies:** SQL Server, SSIS, Databricks, Azure Data Factory

### 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

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|--|---|---|
| • Microsoft Fabric Data Engineer Associate | • Databricks Certified Data Engineer Professional | • Databricks Certified Associate Developer for Apache Spark |
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### EDUCATION

#### Bachelor of Technology (B.Tech) in Computer Science

Lovely Professional University

2020 – 2024

Punjab, India

#### Higher Secondary Education

BVM Junior College Of Science

2018 – 2020

Maharashtra, India