RESUME

Allapu Karthik

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PROFESSIONAL SUMMARY

Results-driven Azure Data Engineer with 2 years of IT experience in designing, developing, and managing scalable data solutions using Azure Data Factory (ADF), Databricks, PySpark, Azure Data Lake, Synapse Analytics, and Power BI. Skilled in building ETL/ELT pipelines, optimizing data transformations, and delivering actionable insights. Strong in SQL, data modeling, and automation with focus on performance and quality.

PROFESSIONAL EXPERIENCE

Senior Associate-Azure Data Engineer

Wipro Limited, Hyderabad | **Oct 2023 – Oct 2025**

Project: Azure Cloud Data Integration & Migration

- Built and managed end-to-end ETL pipelines using ADF and Databricks (PySpark) for batch and incremental data ingestion.
- Integrated data from SQL Server, REST APIs, and Blob Storage into Azure Data Lake Gen2.
- Developed data transformations in Databricks using Delta Lake for optimized performance.
- Designed Star Schema models in Synapse Analytics to support BI reporting.
- Automated deployment and monitoring with Azure DevOps and Azure Monitor.
- Implemented Logic Apps for workflow automation and stakeholder notifications.
- Delivered unified datasets for Power BI dashboards, improving analytics efficiency by 40%.

Tech Stack: Azure Data Factory, Azure Databricks, Azure Synapse, Azure Data Lake, PySpark, Power BI, SQL, Azure DevOps, Logic Apps, Delta Lake

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TECHNICAL SKILLS

Cloud Platforms: Azure (ADF, Databricks, Synapse, Data Lake, Azure SQL DB)

Programming: SQL, Python, PySpark

ETL Tools: ADF, Synapse Pipelines, Databricks, Logic Apps

Data Modeling: Star/Snowflake Schema, Dimensional Modeling

Big Data: Apache Spark, Delta Lake

Security & Governance: Azure Key Vault, RBAC

Other Skills: Data Quality Checks, Metadata-driven Pipelines, Performance Optimization

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EDUCATION

B. Tech – Mechanical Engineering

JNTU Hyderabad, 2022

ADDITIONAL INFORMATION

- Strong analytical, problem-solving, and teamwork skills.
- Experience with **Agile development**, **cloud migration**, and **ETL optimization**.