

Manikantha Baddireddy

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PROFESSIONAL SUMMARY:

- Having 1+ Years of Experience as Azure Data Engineer.
- Working knowledge on Azure data factory components **Linked services, integrated runtimes, pipelines, datasets, triggers**.
- Hands on experience on building end to end pipelines using adf and DataBricks notebooks, data lake.
- Working knowledge on triggering pipelines using different **trigger** methods.
- Had a good understanding of different file formats (**csv, json, parquet, Avro**).
- Good understanding of Spark Architecture.
- Hands on experience in Data validation through Great Expectations (GX).
- Hands on experience of pre-processing with azure data bricks using **RDD, Data Frames**.
- Designed Azure Logic apps application to send pipeline success/failure alert emails, file unavailability notifications etc.
- Experience in Writing unit test cases using Pytest.
- Implemented dynamic pipeline to extract the multiple files into multiple targets with the help of single pipeline and Automated execution of ADF pipelines using Triggers.
- Skilled in creating ADF pipelines for full load and incremental load, and creating linked services and datasets for different sources to enable seamless data integration and automation

PROFESSIONAL EXPERIENCE:

- Working as Azure data engineer in Achyutas soft Pvt Ltd from oct 2022 to till date.

EDUCATIONAL QUALIFICATIONS:

- **B. Tech from JNTU, Kakinada** in October 2020.

TECHNICAL SKILLS:

Cloud services	: Azure Data Factory, Azure Blob storage, Azure Data Lake Storage, DataBricks Azure SQL Server, AWS.
Databases	: SQL Server, MySQL.
Languages	: Python, SQL.
Tools	: Spark, Spark-SQL, Snowflake,
Other	: Distributed data concepts, Data warehouse concepts, Data modelling, NoSQL.

PROJECT DETAILS:

Project: HR-Workday Application data migration.

Duration: October 2022 to Present.

Tools: Azure Data Factory, ADLS Gen2, Azure SQL Data Base, SQL Server.

Role: Azure data engineer.

Description: Migrated on-premise workday data (contains employees, payroll, job postings, hired candidature status, onboarding etc.) into Azure cloud.

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Responsibilities:

- Interacting with clients and understanding their requirements.
- Designed and developed incremental pipeline for on-premise to stage layer (data lake).
- Archived the stage layer data for future reference.
- Designed end-end pipeline using azure tech stack of **adf, DataBricks, data lake**.
- To improve the performance created partitions on low cardinality column named as raw layer.
- Designed and developed historical pipeline for on-premise DW to Insight layer.