Ram Sai Karthik Unnam

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Summary

- **2.8 years** of strong experience in the IT industry as a **Azure Data factory** developer.
- Experience in designing, development, implementing ETL, data movement solutions using **Azure Data Factory(ADF), PySpark with Python** into **Azure Data Lake Storage** and **Azure SQL Databases**.
- Create release pipelines in **Azure DevOps** for **automation**.

Experience

Azure Data Engineer

Tata Consultancy Services (TCS) • Hyderabad, Telangana
10/2018 - Present

ROLES AND RESPONSIBILITIES :

- Installed Self Hosted Integration Runtime service (high-availability) on the on-premise Windows servers to communicate with on-premises data sources behind the firewall.
- Expertise in creating data pipelines in Azure Data Factory for migrating data from on-premise to Azure.
- Migrated flat files data to Azure SQL Databases and Azure Data Lake.
- Created PySpark application for data transformations and data processing with Python in Azure Databricks.
- Removed duplicate data, exposed bad records, modified schema in the PySpark application.
- Created multiple pipelines, activities, data sets, mappings in data flows.
- Created triggers and scheduled data factory jobs.
- Developed code in Azure Data Factory which uses version controlling.
- Developed Azure DevOps Release pipelines for automating the Azure Data Factory code to higher environments (SIT, UAT, Prod).
- Configured variable groups, pipeline variables in DevOps release pipelines.
- Used Azure Key Vaults for secrets which were used by DevOps pipelines and Azure Data Factories.

PROJECTS :

- Design and implement a solution to ingest data from on-premise files on an hourly basis and process the data using Azure Data Factory, Python to Azure Data Lake Store and Azure SQL Databases.
- Migrate the on premise flat files data from FTP drive to Azure Data Lake Store, Azure SQL Database with Data Flows and schedule it on a daily basis.
- Azure Data Factory Code Automation : Create fully automated CICD release pipelines in Azure DevOps for promoting Azure Data Factory code to higher instances.

Skills

- Azure Data Factory
- Azure Data Lake Store
- PySpark
- Azure Databricks
- Azure DevOps
- Java
- Python

Education

B.Tech - Electronics and Communication Engineering

JNTUH College of Engineering Hyderabad (Full Time) • Hyderabad, Telangana

05/2018

Languages

- English
- Hindi
- Telugu