



Ram Sai Karthik Unnam

Azure Data Engineer

2.9 years of strong experience in the IT industry as a Azure Data factory developer with 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.

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WORK EXPERIENCE

Azure Data Engineer Tata Consultancy Services

08/2018 - Present

Hyderabad

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.

EDUCATION

B.Tech - Electronics and Communications Engineering

JNTUH College of Engineering Hyderabad

05/2018

78.6%

SKILLS

Azure Data Factory

Azure Databricks

Java

Azure Data Lake Store

Python

PySpark

Azure DevOps

PROJECTS

1. 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.
2. 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.
3. Azure Data Factory Code Automation : Create fully automated CI/CD release pipelines in Azure DevOps for promoting Azure Data Factory code to higher instances.

ORGANIZATIONS

Tata Consultancy Services (08/2018 - Present)

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Telugu

Full Professional Proficiency