

Azure Data Engineer

Anusha Kottireddy
Mobile: 6366617126

Email: kottireddymanusha95@gmail.com

Professional Summary:

- Over 5+ years of progressive IT experience in software development, designing and implementation with major focus on Azure cloud and SQL server (SSMS 2016).
- Having 3 year of working experience with **Azure data factory** to load data from on-premise to Azure data lake, Azure SQL database and also Nine months of experience in SQL Server.
- Familiar with Data Warehousing using ETL and ELT.
- Very good experience on implementing data pipelines using azure data factory, working with different source and sink, linked services, data sets and data flows.
- Good experience on azure synapse analytics, creating tables using different distributions, partitions, external tables.
- Experienced in store and read data from cloud storages like azure blob storage, Azure Data Lake and Azure data lake Gen2.
- Good experience in CI/CD pipeline in azure data factory.
- Experience in implementation of Incremental data loading with ADF.
- Implemented slowly changing dimensions (SCD) type 1 and type 2.
- Creating blob Storage, File storage as per requirements.
- Create automated workflows with the help of triggers.
- Data ingestion to one or more Azure Services- (Azure Data Lake, Azure Storage, Azure SQL) ● Experienced in transformations like source, select, derived column, union, alter row, sort, conditional split, lookup, join, pivot, flatten, Aggregate transformations.
- Good experience in SQL concepts like DML, DDL operations, functions, stored procedures, and Joins.
- Strong desire in learning new technologies and methodologies.

Work Experience:

Worked as a System Admin in Deutsche Bank from March 2019 to 2020 April

Worked as Software Engineer in Accenture from May 2020 to Nov 2021

Worked as Software Engineer in Teleperformance global private limited from 2021 Dec to Sept 2022

Working as Azure Data Engineer in Concentrix from Jan 2023 to Feb 2024

Technical Summary:

Azure Technologies : Azure Data factory, Azure Data Lake, Azure Blob Storage, Azure SQL Database, Azure Databricks, Pyspark.

Cloud Data warehouses : Azure Synapse analytics

Database : SQL Server 2016

DWH : Azure Synapse Analytics

Educational Qualifications:

- Masters of Business and Administration from siddhartha institute of Engineering and Technology -2017
- Bachelors of computer science from seicom Degree college -2015

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Projects:

Project #2: Ergon Energy Data Intelligence Tools

Client : Ergon Energy

Business : Manufacturing

Technologies : Azure Data factory, Azure Data Lake, Azure Blob Storage Cloud Data, Azure Synapse Analytic Azure Databricks, Pyspark.

Role : Azure Data Engineer.

Project Description:

Ergon Energy is a subsidiary company of Energy Queensland Limited a government owned corporation owned by the Government of Queensland. We are extracting data from different sources like SQL server, oracle, flat files, and move data into to Azure synapse analytics for reporting and analysis. Reporting users consume the data from warehouse and prepare different reports based on user requirements.

Responsibilities:

- Participating in the scrum calls to get the requirements and provide the updates for assigned tasks.
- Prepared Azure data factory pipelines based on business requirements using different activities like copy activity, stored procedure, look up, get metadata, if condition, for each and so on.
- Implemented the data flow logic to do transformation in azure data factory.
- Implemented the dynamic data set components to work for different objects.
- Trigger the pipelines based on schedule intervals.
- Prepared the external tables, dimension and fact tables in azure synapse based on user requirements.
- Prepared the business logic using procedures in azure synapse analytics based on user requirements.
- Data transformed in ADF, directed to Power BI based on client requirement.
- Implemented Error Handling concept in detecting errors in pipelines.
- Involved in bug fixing.

Project #1: Modern BI

Client : Black mores Limited

Business : Consumer Goods.

Technologies : Azure data factory, Azure Blob Storage, Azure Data Lake Cloud Data SQL, Data Warehouse, Azure Databricks,Pyspark.

Role : Data Engineer.

Project Description:

Hybrid BI system is introduced to deliver commercial reporting and analytic for users under BSP platform. Our user base will consist of Sales Reps, Sales Managers and Commercial back-office users including controllers. Hybrid BI (Hybrid Business Intelligence) is a platform introduced by Black mores to complement existing BI solutions. The new platform contains a set of processes and tools covering all basic aspects of Business Intelligence i.e., data warehouse, ETL and reporting tools.

Responsibilities:

- Worked in designing ADF pipelines for Data Extraction and Ingestion from on-prem Source to Azure Cloud (Blob or Data Lake)
- Created pipelines using linked services and datasets to extract and load data from different sources like SQL, Blob or Lake to Azure SQL Data Warehouse.
- Implemented stored procedures for transforming the data into SQL data warehouse based on client requirements.
- Configured and implemented the ADF triggers that schedules the pipelines and monitored the scheduled pipelines.
- Created Dynamic pipelines which will be used to handle multiple targets extracting from multiple sources.
- Created pipelines using different activities like copy, stored procedure, lookup based on client requirement.
- Implemented Error Handling concept in detecting errors in ADF pipelines.

Declaration:

I hereby declare that the above information and particulars are true and correct to the best of my knowledge and belief.

Date :**Place: ANDHRA PRADESH****(Anusha)**