

# Deshmanth Reddy

Cloud data engineer

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## PROFESSIONAL SUMMARY:

- Having 3.8 years of experience in IT industry.
- Having sound working experience on **ETL/ELT** projects with skills as Azure data bricks, **Azure Data Factories (ADF), Azure SQL, Azure data storage and Snowflake.**
- Understanding business requirements, analysis, design, development and implementation into the system.
- Having experience in using the **Azure Storage Account(blob)** to read the data as input to pipeline
- Having expertise in creating the **datasets** as a reference data points to pipelines
- **Azure Data flows** were used extensively to use activity and perform the various transformations.
- Extensively used and created multiple **linked services** to access the data and input them to pipelines
- Extensively implemented the **Archival process** to have a clear tracking on processed files.
- Good understanding in Data warehouse concepts like **Dimensions, Facts, different schemas and all SCD's.**
- Have experience in **creating pipeline jobs, schedule triggers** using azure data factory.
- **Automated the execution of ADF pipelines** using triggers.
- Experience with **SNOWFLAKE DATA WAREHOUSE**, deep understanding of snowflake architecture.
- Having experience in connecting to different sources like **Azure, SQL database, data lake storage and blob storage in ADF.**
- Good understanding on Spark architecture including spark core, PySpark, spark-SQL using data frames.
- Strong experience in coding the **PySpark programming on core and functional Azure Data bricks**
- Extensively used **joins , unions , control flows and also plain SQL** implementation using spark SQL
- Sound exposure in **using python variables list, tuples, files operations, functions, control flow statements from python programming.**

## TECHNICAL SKILLS:

- **SQL**
- **AZURE DATA FACTORY**
- **SYNAPSE**
- **PYSPARK**
- **PYTHON**
- **DATABRICKS**
- **SNOWFLAKE**
- **AGILE-SCRUM, GITHUB**

## EDUCATION:

Completed B.tech from JNTUH in 2019

## WORK EXPERIENCE:

COMPANY NAME	DURATION	DESIGNATION	TECHNOLOGY
Cureus technologies pvt ltd	44 month	CLOUD DATA ENGINEER	SQL, Python, PySpark, Azure Data Factory and snowflake

## # PROJECT# 2:

Project Title : OMA (Order Management Analytics)  
Client : Macy's, New York USA  
Duration : November 2020 to till date.

**DESCRIPTION:**

OMA is centralised Data Lake created by Macy's. This OMA consists of data for order management on the orders for today and tomorrow. Also this is helping the reporting and other Data scientist's teams to perform the Order Management Analytics on quarterly basis, which helps the net suite to keep the tracking on the order details per Quarterly and intern it is helping to improve the order strategies.

**ROLES AND RESPONSIBILITIES:**

- Analyze and understand the business requirements
- Evaluation of business requirement and objectives
- Developed the DDL and DML scripts to load the data into snowflake
- Used Azure Data bricks to code PySpark to transform the data at various business needs
- Used Azure Data Factory to code the ETL Data flows and Pipelines
- Created datasets and linked services as part of Azure Data Factory
- Worked with Azure blob storage to reference the datasets, part of Azure Data Factory
- Worked Azure virtual clusters to run the ETL Data flows
- Created scripts to select the data from snowflake DW/Analytics as per the user Ad hoc requests
- Extracted the user ad hoc reports from snowflake
- Involved in source data systems connect to ensure the smooth data processing's into DW/Analytics
- Worked with CI/CD process using Git
- Worked on Azure triggers to schedule the pipelines

**PROJECT #1:**

Project Title : Smart Analytics

Client : Amgen

Duration : December 2019 to October 2020.

**DESCRIPTION:**

Amgen is a biotechnology company based in Thousand Oaks, California, USA to develop therapies that could restore Kidney function and improve the lives of people with kidney disease disorders. For this Amgen manufactures a drug called Aranesp/Prolia. Transactions captured by Specialty Pharmacies and other data providers will be sent to the Hub data management platform for cleansing and MDM process. Hub will then send the finalized transactions and dimensions to Amgen where they will be integrated into the Amgen MS Data Warehouse for end-user reporting.

**ROLES AND RESPONSIBILITIES:**

- Analyze and understand the Ad hoc business requirements.
- Evaluation of business requirement and objectives.
- Formulated Queries by using SQL, based on the business requirement.
- Submitted the failed jobs for re-executing using force success.
- Worked with SQL queries for Ad hoc data requests from business.
- Involved in debugging analysis to find the file missing's.
- Connected with source systems on data missing's for the job executions.
- Involved in manual executions for jobs SLA missing's due to file missing's.
- Involved in unit testing