



Hemanath Goud Kandula

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PROFILE SUMMARY

A motivated Data Engineer with 4 years of experience in end-to-end software development life cycle activities including requirement analysis, design, development, implementation, maintenance, documentation, and production support in Business Intelligence / Data warehousing using **Azure Data Factory**, **Azure SQL**, and **Azure Data Storage**. In depth participation in design reviews and requirement analysis with development team and client.

HIGHLIGHTED EXPERTISE

- Excellent experience in migrating on-premises SQL database to **Azure SQL Database** and **Azure SQL Data Warehouse** and migrating **Oracle database** to **SQL Server** using **ADF**.
- Good experience in using the **Azure Data Storage** and loading the data into different containers using **ADF**
- Experience in using Azure pipeline activities such as **Copy data**, **WEB**, **Execute Pipeline**, **Lookup**, **Wait**, **Filter**, **If Condition** and **For Each**.
- Experience in gathering the data from different sources to the **Azure Data Storage** using **ADF**
- Integration of Multiple Relational Databases like Oracle, SQL Server
- Good experience in using **Application Insights** for monitoring the Application.
- Good understanding of **DataBricks** and **Snowflake**.

PROFESSIONAL EXPERIENCE

DataPlatr, Hyderabad, India

Nov 2023 – Mar 2024

Project: Posigen

Data Engineer

- Created **Pipelines in ADF** using Linked Services, Datasets, Pipeline to Extract, Transform and load data from sources like **Blob storage**, **Rest API** write-back tool and backwards.
- Working on Insertion of data from **Azure Blob Storage** to **Snowflake Database**.
- Set up specific alert configurations in Azure Data Factory (ADF) to trigger notifications when pipelines experience failures, successful executions, or cancellations.
- Executing the **Azure Data Factory Pipeline** on Daily basis for inserting the Data.

Project: Internal Project

- Loading from external stage **S3 bucket** to **Snowflake** using **Snowpipe**.
- Extensively used SQL for Validating the data in **Snowflake** after loading the data.
- Creating tables or views using **DBT** from **Snowflake**.

Value Momentum, Hyderabad, India

Aug 2022 – OCT 2023

Project: MRSI – PTL

Software Engineer

- Created **Pipelines in ADF** using Linked Services, Datasets, Pipeline to Extract, Transform and load data from sources like **Oracle, MS Access Azure SQL, Blob storage, Azure SQL Data warehouse, Rest API** write-back tool and backwards.
- Responsible for Product Deployment, implementation, Cloud migration, Configuration, project estimates, Bug Fixes
- Deploying the **Azure Data Pipelines** from Dev environment to the Production environment.
- Working on migration of data from **On-prem Oracle Database** and **MS Access to Cloud database (Azure SQL DB)**
- Execute incremental and full-scale migration operations, moving data from **Oracle** and **MS Access** databases to Azure SQL Database utilizing Azure Data Factory (ADF).
- Created different data flow pipelines originating from various data sources, executing Extract, Transform, Load (ETL) operations to seamlessly integrate data into **Azure SQL Database**.
- Managing the database and orchestrating the deployment of database modifications from development to production (PRD).
- Trigger the **REST API** endpoint via Azure Data Factory (ADF) to enable the updating or insertion of data directly into an **Azure SQL Database**.
- Utilizing a variety of Azure services such as **Cognitive Search, Key Vault**, and **Blob Storage** within the Azure ecosystem to amplify and refine diverse functionalities used by the API team and Azure Data Factory (ADF) workflows.
- Monitor the application and data pipelines by utilizing Application Insights within Azure environment.
- Set up specific alert configurations in Azure Data Factory (ADF) to trigger notifications when pipelines experience failures, successful executions, or cancellations.
- Guiding the Reporting team for generating the **PowerBI** dashboards by finding the source tables, columns and as well logic behind the columns after migration in **Azure SQL Database**.

TCS, Hyderabad, India

Sep 2019 – Jan 2022

Projects: Humana

Azure ETL Consultant and Integration Master

- Performed Extract Transform and Load data from Source Systems to **Azure Data Storage Accounts** using a combination of **Azure Data Factory, Rest API**, and **Windows Server**.
- Created **Pipelines in ADF** using Linked Services, Datasets, Pipeline to Extract, Transform and load data from different sources like **Azure SQL, Blob storage, Azure SQL Data warehouse**, write-back tool and backwards.
- Responsible for Product Deployment, implementation, Cloud migration, Configuration, project estimates, Bug Fixes
- Deploying the **Azure Data Pipelines** from Dev environment to the Production environment.
- Used Azure cloud components such as **ADF, Blob storage, SQL Database**.

Projects: Humana

Production Support Engineer

- Served as a technical point person for customers, providing them with answers and solutions to their **technical questions, Pipeline Issues** and Azure billing issues.
- Monitored and maintained ticketing system to ensure all new and repetitive bugs and issues are addressed, researched, fixed, and closed.
- Provided production support while post hand over of the project.
- Documented about back loading the data upon failure of the task flows.

Project: Humana Cloud Migration ETL Developer

- Have good experience working with **Azure BLOB** and **SQL Server** and loading data into **Azure SQL Synapse analytics (DW)**.
- Analyzing the bugs and errors and fixing the bugs and errors in **Azure Data Pipeline**.
- Worked on migration of data from **On-prem SQL server to Cloud databases (Azure Synapse Analytics (DW) & Azure SQL DB)**
- Performed Extract Transform and Load data from Source Systems to **Azure Data Storage services** using a combination of **Azure Data Factory, Rest API, Web Activity**, and load into **Azure Blob Storage**.

TECHNICAL SUMMARY

Languages	: SQL, Python
Azure Platform	: Azure Data Factory (ADF), Azure Blob Storage, Azure Synapse, Azure Data Lake Storage
RDBMS Database	: Oracle, MS SQL Server
Data warehouse	: Snowflake
Ticketing Tools	: Azure DevOps

EDUCATION

B.Tech (Computer Science) - 2019

CERTIFICATIONS & PROFESSIONAL TRAININGS

Microsoft Azure Fundamentals (AZ-900) certified professional

Microsoft Azure Data Fundamentals (DP-900) certified professional

Microsoft Power Platform Fundamentals (PL-900) certified professional

Databricks Accredited Lakehouse Fundamentals

Hands-On Essentials: Data Warehousing Workshop

Hands-On Essentials: Data Application Builders Workshop

Hands-On Essentials: Sharing, Marketplace, & Exchanges Workshop

Hands-On Essentials: Data Lake Warehouse

Hands-On Essentials: Data Engineering Workshop