SAI KUMAR REDDY KORSAPATI

> **OBJECTIVE** : To obtain a position in a Business Unit where I can utilize my skills, knowledge in solving various client requirements and have opportunity to improve myself for further development of myself and organization.

EXPERIENCE

CTS - Cognizant Technology Solutions
Till Date, At Hyderabad

- Technologies / Tools Used : Azure Data Factory, Data Bricks, Synapse Analytics, ADLS.
- Overview : I'm Microsoft Certified Azure Data Engineer Associate (DP-203) responsible for creating and monitoring ETL pipelines in projects for various business specifications using required Microsoft Azure Services.

PROJECT DETAILS

IOT Telemetry Sensor Data ETL Pipeline
Project, At Cognizant

- Implemented end to end third party IOT device sensor data ETL pipeline. I designed it to extract IOT sensor telemetry data (in JSON format) from source AWS cloud, performing validations on extracted data and to load the validated data to the destination Azure cloud in relational format.
- I used Azure Data Factory for extraction of data and scheduling pipeline, Azure Functions to perform validation, Azure Data Lake for storage and staging, Azure Synapse dedicated SQL Pool (data warehouse) for storing the validated data. I'm also responsible for monitoring, modifications and handling errors in pipeline.

Smart Trails Data Platform ETL Pipeline
Project, At Cognizant

- Multiple Internal applications in client end sends the data(huge size) in csv format on daily basis in to the cloud storage location and it is required for data analyst team to have it in relational format to create dashboards.
- for this I implemented end to end ETL pipeline to extract data using azure data factory, to perform data validations using Azure Data bricks(PySpark), used Azure Data Lake for storage and staging, Azure Sql Database for storing the validated data. I'm also responsible for monitoring, modifications and handling errors in pipeline.

US-Client - HealthCare Industry
Project, At Cognizant

- Dashboards: Gathering the requirements from end users to create reports and dashboards, Creating complex Information Links using multiple joins, prompts, parameters to load data from different data sources.
- Creating different kinds of reports and dashboards using scatter plot, time series charts, bar charts, combination charts, text area, property controls and created many more POCs for various requirements etc.

EDUCATION

Graduated at PBR Vits
Bachelor's Degree, 2016 - 2020

- College : PBR Visvodaya Institute of Technology & Science, Kavali
- Degree, Stream: B.Tech, Computer Science & Engineering, Gpa (or) % :76.4%

TECHNICAL SKILLS

☁ Microsoft Azure

</> Azure Data Factory, Azure Data Bricks

</> Python-3 | 🗄 Sql Scripting

</> Azure Synapse Analytics, PySpark

</> Azure Data Lake Gen2, Event Hubs

</> TIBCO Spotfire Data Visualization Tool

☁ Amazon Web Services (aws)

FIELDS

</> Azure Data Engineer - DP-203
★★★★★★★★☆☆

ACHIEVEMENTS

</> TCA | TCP - SPOTFIRE Certification

☁ AWS CCP - CLF-C01 Certification

☁ Azure AI-900, AZ-900, AZ-104, AZ-204

☁ Azure DP-900, DP-203 Certification

OPERATING SYSTEMS

Linux 🐧 | ⊞ Windows

ACTIVITIES

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CONTACT

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