KANHAIYA

Data Engineering | Azure | kanhaiya.kt21@gmail.com | +91-7851068942 | LinkedIn | GitHub

Objective:

2+ years of experience as a SQL/Data Engineering, Key contributor of core data team focusing on data migration and transformation using Azure Synapse. Seeking a lasting association with a forward-thinking organization that prioritizes growth.

Professional Experience:

Project Coordinator   *Feb 2022 – Present*
Client: C-DAC Mohali
Domain: Health Care (Telemedicine)
Working as Project Coordinator with Azure Synapse Analytics, ADLS and Dataflow or Spark to transform and load the data from MySQL and Azure cosmos to ADLS or Data warehouse.

Professional Summary:

- Hands-on experience MySQL, NoSQL database and Azure Platform services with knowledge of OLTP/OLAP Systems and Data warehousing concepts.
- Expertise in developing batch data processing applications using Spark, Azure Dataflow.
- Expertise in creating Data Factory pipelines for on-cloud ETL processing, copy activity, dataflow activity, custom Azure development etc.
- Knowledge of ETL methods for data extraction, transformation and loading in corporate-wide ETL Solutions and Data warehouse tools for reporting and data analysis.
- Hands-on experience in PySpark, Spark-SQL, Dataflow for Data processing.
- Experience on Azure cloud i.e. ADF, ADLS, Blob Storage, Data bricks, Synapse, Data pipelines etc.
- Load and transform large sets of structured, semi-unstructured data from Relational and Non-relational Database Systems to ADLS.

Skill Set:

- **Cloud Technologies-** Azure Synapse, Data Factory, PySpark, Databricks, and AWS Basics.
- **Languages-** SQL(DDL, DML), Python
- **OS-** Windows, Linux Basics.
- **Database Used-** MySQL, Azure Cosmos DB, MS SQL Server, PostgreSQL
- **Tools -** Putty, Win SCP, GitHub, Power BI bascis.

Project Experience:

Domain: Health care (Telemedicine)
Role: SQL Developer, Data Engineering

Project Description:

eSanjeevani - National Telemedicine Service of India is a step towards digital health equity to achieve Universal Health Coverage (UHC). eSanjeevani facilitates quick and easy access to doctors and medical specialists from your smartphones. The Project which involves assessing and developing an ETL Extraction and transforming the data from **Azure Cosmos DB and MySQL** data sources.

Work and Responsibilities:

- Managed SQL, MySQL, and NoSQL databases, including stored procedures, functions, triggers, events, and query optimization to resolve data inconsistencies
- Converting NoSQL data into tabular format using different transformations technique using spark.
- Calculated data aggregations for reporting application using SQL and Spark.
- Created delta tables in adls lake databases with spark sql to store the historical data dump in lake storage.
- Developed data pipelines for incremental loading into reporting databases using Spark and synapse workspace for reporting application.
- Utilized Spark SQL to read raw parquet files from ADLS and data from the Analytical Store of Azure Cosmos DB via Azure Synapse Workspace.
- Established External tables on data present in datalake using Serverless sql pool for ad-hoc reporting.
- Implemented Star schema to store the relational data in PostgreSQL for reporting applications to better performance.
- Key member of health care service, Handling backend data operations like Data Analytics, Data insight and improving data reporting. Regularly managing reporting and data requirements of all 36 States-UT's.
- Monitoring in AWS Cloud related to RDBMS

Technology involved: Synapse spark pool, Databricks, Python, Synapse serverless sql, Azure functions, Azure Cosmos DB for NoSQL, Azure Cosmos DB for Postgres, Azure Datalake, and MySQL.

Project Description:
Domain: Health care (Medical Value Travel)
Heal in India - Aims to facilitate seamless access for foreign patients seeking treatment in India, defining Medical Value Travel for health-related interventions.

Work and Responsibilities:
- Responsible for MySQL DB, Store Procedures, functions, triggers, window function and query optimization.
- Responsible for generating the reports as per requirements of Ministry.

Education:
- **MSc in Computer Science** | 75.66% | *2017-2019*
  Govt. NM College, Hanumangarh, MGSU Bikaner, Rajasthan