SridhariKonireddy

Email:sridhariparvathi@gmail.com

Mobile & WhatsApp : +917815894349

linkedin.com/in/sridhari-parvathi-konireddy-43256b14b

EXPERIENCESUMMARY

- 3.8 years of experience in building a solution architecture for a data engineering solution using Data Engineering technologies such as Azure Data Factory (ADF)
- Experienced in designing and implementing high–quality ETL architecture and workflows.
- Data ingestion from different Sources Systems to Azure Data Storage services such as Azure Data Lake, Azure blob storage, Azure SQL data base
- Processing the raw data using Data bricks from ADLS Gen2 to ADLS Gen2 processed layer. Optimized PySpark code for efficient data processing and ensured data quality and consistency throughout the pipeline and Azure data Factory using Azure data flow transformations Filter, select, pivot, Lookup, conditional split, join, aggregate, sort, sink.
- Scheduling pipelines using triggers such as Event Trigger and Schedule Trigger in Azure Data Factory.
- Monitoring the pipelines runs, trigger runs ,Activity runs using alerts, Azure monitor and logic analytics and fix the issues
- Making pipelines production ready by creating dependency between pipelines with a parent pipeline and dependency between triggers using tumbling window.
- Worked on stored procedures to create configuration files and logs
- Worked on Azure synapse analytics

TECHNICALSKILLS

Skills	
Databases	Azure SQL
ETLTools	ADF, Azure Synapse analytics
Programming Languages	PySpark, SQL, Python
Hands-on Tools	ADF, Microsoft Azure storage explorer, Data bricks, CI/CD , Azure synapse analytics, Azure devOps, SSMS
Cloud Technologies	Azure data factory, Azure data flows, Azure SQL data base
Schedule & Monitor Tools	Azure triggers, Azure monitor, log analytics and Logic apps

PROFESSIONALEXPERIENCE

Organization	Designation	Duration
LTIMindtree	Azure Data Engineer	August,2024-till
TataConsultancyServicesLtd.	Azure Data Engineer	April,2021–August,2024

EDUCATION

Degree	Institute	Major and Specialization
Bachelor of Technology	JNTUA	Computer Science

CAREERPROFILE

Project #2 : Data-FMB-C&E
Client : Microsoft Corporation
Role : Azure Data Engineer
Environment : Azure Data Factory, Azure Synapse Analytics, Azure Data Bricks
Period : August 24 to till now

Project Description: Microsoft, as a global enterprise, runs marketing campaigns across a diverse portfolio of 12-15 products, including Azure, Visual Studio, Microsoft 365, and others. These campaigns are designed to engage and target users across different product categories, with a focus on driving adoption and increasing user engagement. By leveraging data analytics, Microsoft segments users based on their interactions and behavior, enabling highly personalized marketing outreach. The campaigns are strategically tailored to address various user needs, ensuring that each product receives focused attention and communication, ultimately supporting the growth and success of Microsoft's product ecosystem.

Responsibilities:

- Analyze the existing Data bricks notebooks (including PySpark, Scala, SQL, and any custom libraries) to understand the complexity of migration.
- Identify how data flows between Data bricks and other services and map them to Synapse capabilities.
- Modify the code in notebooks as necessary to adapt it to Synapse, especially since Synapse uses a different execution model as Data bricks.
- Perform unit and integration tests to ensure that migrated code works correctly in Synapse.
- Migrate and redesign data pipelines from Data bricks to Synapse, ensuring that all required transformations and processes are replicated.
- Optimize data pipelines and transformations in Synapse for performance and cost efficiency.
- Set up monitoring for data pipelines and notebooks, ensuring proper logging and alerting for issues.

Project #1 : CSP
Client : NESTLE
Role : Azure Data Engineer
Environment : Azure Data Factory, Data Bricks
Period : April 21 to August 24

Project Description: Nestle is committed to provide high Quality and Safe food products to its customer globally, in order to achieve its objective Quality Planning, Product release vs. monitoring requirements, Surveillance Planning is done which decides how often a specific raw material, has to be tested for a specific contaminant when delivered from a specific vendor site (origin). Centralized Surveillance Plan (CSP) creation is based on the material testing frequency depends on the “vendor contaminant compliance level” which refers to a specific vendor manufacturing site, and to each combination “chemical contaminant – material”, also considering the origin of the material in account.

Responsibilities:

- Implemented a solution at an Industrial scale with more than 6 billion records across 3 datasets and 2.5 billion records across 14 different tables.
- Data Ingestion from different sources to Azure storage ADLSgen2.
- Data cleansing using business rules.
- Worked on Log Analytics to create notification and mailing services.
- Developed extensive data processing steps in Data bricks to produce outputs using Pyspark.
- Designed pipelines for new requirements and optimized current orchestration pipeline workflows to accommodate for the changing cloud environment.
- Interactions with BA & Testing team to resolve the issues.
- Reporting daily Development status report.
- Worked on diagnostic analysis for any failures and co-ordinate to ensure elasticity of workloads for changing data sizes