Simanchal Pradhan

Mobile: +91- 9032068303
Email: simanpjyp@gmail.com

Professional Summary

* Having 5.8 years of experience **Azure Cloud** technologies such as **Azure Data Factory, Azure SQL, Azure data lake storage Gen1 & Gen2, Azure data studio, Azure data explorer, Azure Synapse analytics, Azure Blob Storage Azure data Bricks**.
* Experience in ETL operations between on premises/on cloud and Azure SQL/Azure Blob Storage/Azure Data Lake Gen2/Azure Synapse Analytics using Azure Data Factory V2.
* Migrated data from On-premise to Data Lake.
* Highly involved in Transformations using Data flows like Source, Select, Derived columns, Lookup, Conditional Split, Join, Sort, Aggregate etc.
* Experienced in using Copy data, Stored procedure, Get Metadata, Lookup, script, if condition, filter, For each, wait, delete, execute pipeline, variable, append variable activities in Azure Data Factory.
* Extensively used parameterize in data sets, linked services, pipelines.
* Trouble shooting experience in pipeline run failures and linked services
* Implemented Incremental Load for multiple tables with single pipeline
* Exposure in Azure data factory (ADF) objects- ADF Pipeline, configuration, parameters, variables, Integration Runtime services and Triggers.
* Strong analytical, diagnostic and trouble shooting skills and ability to work in dynamic, team-oriented environment.
* Designing solutions in Azure Data Factory (ADF) using ADLS & Data Bricks.
* Wrote a better script to perform validations between Azure Data Lake Storage and Source.
* Involved in building complex SQL Queries, Joins, Constraints, Stored procedures, DML to implement the business logic.
* Having experience in creating notebooks in Azure Data Factory.
* Used Logic Apps to send Email notifications to Dev team and Users when pipeline fails.
* Created dynamic pipelines and datasets as reusable components using Configuration table and pipeline parameters.
* Working Experience PySpark Programming Language

Professional Experience

* I have been Associate with BLAZECLAN TECHNOLOGIES PVT. Ltd. from Dec. 2022 till date.
* I have been Associated with NOVITAS TECHNOLOGIES PRIVATE LIMITED from April 2020 to Nov. 2022.
* I have been Associated with BULLFINCH SOFTWARE PRIVATE LIMITED from Nov. 2017 to Feb. 2020

Certification

* Microsoft Certified: **Azure Fundamentals**, Certification Number: **I599-2922**.
* Microsoft Certified: **Azure Data Engineer Associate**, Certification Number: **I715-8446.**

Education

* M.B.A from Sikkim Manipal University.

Technical Skills	
Languages	SQL, PySpark
Databases	MS SQL Server 2016, Azure SQL, Azure Synapse Warehouse
Microsoft Azure	MS SQL SERVER, Azure SQL Server, Azure Data Factory, Azure Data Bricks, Azure Synapse Analytics, Azure data studio, Azure data explorer

Career Summary

Project 1: The United States Olympic & Paralympic Committee   **Date**: - **Dec-2022 to till date**

Role	Sr Azure Data Engineer
Environment	CRM ETL, SQL Server 2019

The United States Olympic & Paralympic Committee is the National Olympic Committee and the National Paralympic Committee for the United States. It was founded in 1895 and is headquartered in Colorado Springs, Colorado.

Roles and Responsibilities:
- As part of agile interacting with client in scrum calls.
- Development of pipelines, Linked services, Datasets in Azure Data Factory version2.
- Migrated data from Rest API & FTP links to Azure SQL server.
- Worked in different applications with both development and support project activities.
- Created Azure Data Factory pipelines to copy the data from source to target systems.
- Involved in deployment activities and moved the code across different environments.
- Migrated data from SSIS Package to Azure Synapse.
- Creating a various ADF pipeline to achieve the business Requirement.
- Performed basic transformation while loading data from staging to final data mart.
- Implementing data ingestion pipelines from multiple data sources using Azure Data Factory.

Project 2:   **Imperial Tobacco**   **Date**: - **July-2021 to Nov.-2022**

Role	Sr Azure Data Engineer
Environment	CRM ETL, SQL Server 2019

Imperial Brands plc (formerly Imperial Tobacco Group plc), is a British multinational tobacco company headquartered in Bristol, England. It is the world's fourth-largest international cigarette company measured by market share after Philip Morris International, British American Tobacco, and Japan Tobacco, and the world's largest producer of fine-cut tobacco and tobacco papers

Roles and Responsibilities:

- SQL Server is a relational database management system developed by Microsoft.
- Imperial Tobacco might use SQL Server to store and manage various types of data, including customer information, sales data, production data, and other relevant information.
- The responsibilities related to SQL Server may include database administration, data backup and recovery, data security, and ensuring the overall performance and availability of the database system.
- Salesforce is a cloud-based customer relationship management (CRM) platform.
- Imperial Tobacco may use Salesforce to manage its customer relationships, sales processes, marketing campaigns, and other aspects of its business.
- Responsibilities related to Salesforce could include configuration and customization of the Salesforce platform, user management, data integration, reporting and analytics, and ensuring the proper functioning and security of the Salesforce environment.

Project 3:   **IPM**   **Date**: - **April-2020 to May- 2021**

Role	Azure Data Engineer
Environment	Azure Data Factory, Azure Data Bricks, Azure SQL, Azure Data Lake Gen2, Azure Blob Storage, Azure Logic Apps, Pyspark.

Description:
Unilever is one of the world's leading suppliers of Food, Home and Personal Care products. Unilever wants to have a cloud-based data integration platform that collects, reduplicates and processes all customer data in the organization. The data is then provided as input for models that predict customer behaviour and distributed across different databases.

Roles and Responsibilities:
- As part of Agile interacting with client in scrum calls.
- Development of pipelines, Linked services, Datasets in Azure Data Factory version2.
- Migrated data from Rest API & FTP links to Azure SQL server.
- Worked in different applications with both development and support project activities.
- Created Azure Data Factory pipelines to copy the data from source to target systems.
- Involved in deployment activities and moved the code across different environments.
- Migrated data from Client data scope to Azure SQL server and Azure Data Lake Gen2.
- Creating a various ADF pipeline to achieve the business Requirement.
- Configuration of Azure key vaults in the ADF.
- Loaded the data to a target Data Lake in CSV, Excel formats.
- Created data driven work flows for data movement and transformation using Data Factory.
- Performed basic transformation while loading data from staging to final data mart.
- Reviewing individual projects ingesting data into azure data lake; Feedbacks based on reference architecture, naming conventions, guidelines and best practices.
- Data Extraction from On-Premises source systems Mysql to Azure Data Lake Storage.
- Implementing data ingestion pipelines from multiple data sources using Azure Data Factory.

Project 4: HSI(High Speed Internet) sales mart   **Date**: - **Nov.-2017 to Feb- 2020**

Role	SQl Developer
Environment	sql,DDL,MS SQL Server,SSIS,DTS

Description :
Biogen Idec, Inc. is a global biotechnology company based in Cambridge, Massachusetts, specializing in discovering, developing, and delivering therapies for the treatment of neurodegenerative, hematologic and autoimmune diseases to patients worldwide

- Worked on SQL Commands like (DDL, DML, DCL, TCL), operators
- Worked on SQL Server 2008 database development and data
- Worked on creating SQL Server database objects like tables,Views, procedures, functions and triggers for a project,
- Table Variables, Temp tables, CTE.
- Wrote complex SQL queries using joins, sub queries and correlated sub queries to retrieve data from the database.
- Good Knowledge on SQL Server Reporting Services**.**
- Backup and Restore the Databases
- Creating **Jobs** in the Databases
- Developed to maintain Items, Assets, Vendors, Customers, Salesperson, Purchasers, Sales, Purchase and stock details.
- This is used to maintain Order and also Return Order details of Items or Fixed Assets i.e., Sales and Purchase.
- Meanwhile Invoices and Credit memo details are also maintained using this application.
- By using this application, we can handle multiple currencies while maintaining payment or receipt details.
- Accounting details are being maintained in respective ledgers.