

Profile Summary

Experienced Data Engineer and Data Analyst with 5.7 years of expertise in Data Integration, ETL processes, and Big Data technologies. Proficient in SQL and Python, with a focus on transforming complex data into actionable insights. Demonstrated ability to optimize workflows and collaborate effectively to deliver efficient data solutions.

Skills

- **Azure:** Azure Databricks, Azure Data Factory, Azure OpenAI, Azure Synapse, Azure Cognitive Services, Azure Machine Learning.
- **Data Visualization:** Power BI, Microsoft Excel.
- **Programming:** SQL, NoSQL, Python, C#, PySpark, Spark SQL, U-SQL, Kusto Query Language (KQL).
- **Databases:** Cosmos DB, Presto DB, MySQL, SQL Server.
- **Orchestration Tools:** Lens, XFlow.
- **Scripting:** PowerShell
- **Development Tools:** Git, Visual Studio, Visual Studio Code, Jupyter Notebook.

Work Experience

Senior Associate Data Engineering L2 | Publicis Sapient

Oct 2024 - Present

- Developed and maintained 30+ end-to-end data pipelines using Azure Data Factory (ADF) and Data Flows for migrating over 1 million customer records from SAP to Salesforce across Laos, Switzerland, and Baltic.
- Managed batch loads via scheduled triggers and implemented delta updates using event-based upsert logic, achieving 99.9% data accuracy across master, distributor, outlet, and contact records.
- Built transformation workflows in the Customer Integration Platform (CIP) to automate the creation and updates of 60K+ Accounts, Contacts, Users, Buyer Accounts, and Buyer Groups.
- Implemented validation, error handling, and monitoring to ensure seamless, automated data migration for the B2B e-commerce platform, enhancing data quality and system reliability.

Senior Data Analyst | Microsoft (Contractual)

Feb 2023 - Aug2024

- Senior Data Analyst in the Edge team at Microsoft.
- Led migration of internal data pipelines from XFlow to Lens using PowerShell, improving workflow efficiency and scalability.
- Reduced user churn by 0.5% on Edge Add-ons Store by identifying key churn drivers using PySpark in Azure Synapse.
- Built automated pipelines for PDF Upsell metrics in the Greencamp project, accelerating delivery by 60% and streamlining insights for Adobe.
- Implemented Lexical Search for semantically similar extensions, improving UX for 50% of Zero-Search-Results queries using Azure AI Search.
- Developed smart Autofill suggestions using LLMs and user data, including a cost-efficient GPT-based prototype.
- Created Power BI dashboards and comprehensive datasets to drive data-informed decisions for the EDU team.
- Supported experiments and feature performance analysis using Edge telemetry and Windows data.

Data Engineer, Zen3InfoSolution a Tech Mahindra Company

Apr 2019 - Apr 2022

- Migrated over 250 tables from on-premises SQL Server to Azure Data Lake Gen2 in collaboration with source system teams.
- Designed and implemented scalable ADF pipelines for full (HISTORY) and incremental (DELTA) data loads using stored procedures, Copy, Lookup, and ForEach activities.
- Configured automated triggers to ensure timely and accurate data ingestion.
- Optimized large-scale data processing in Azure Databricks using Spark SQL, reducing overall processing time.
- Developed robust ETL pipelines to consolidate on-prem and cloud datasets into ADLS for analytics and reporting.
- Integrated data from multiple sources to enable unified and consistent Power BI reporting.
- Worked cross-functionally with external teams to troubleshoot ETL issues and improve pipeline reliability.
- Provided end-to-end ownership: development, monitoring, optimization, and incident resolution.

Certifications & Achievements

- **Microsoft Certified:** Azure Data Engineer Associate (DP-203), Azure AI Engineer Associate (AI-102), Azure Fundamentals (AZ-900)
- Completed Data Science using Python & R Programming Training at 360DigiTMG, Hyderabad – June 2021

Education

2018

Bachelor of Technology in Electronics and Communication Engineering - Swarnandhra College of Engineering and Technology.