

Aditya Bankar

Azure Data Engineer

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Experience Summary

- Total **4+ years'** experience including **3+ years'** experience in **Azure Data Engineer** and 1 Years' Experience in Power Platform.
- hands-on experience in Cloud computing technologies (**Azure Data Factory, Azure Databricks and Azure Data Lake**).
- Big Data Analytical, Data Visualization, **Reporting using Powe BI**, and Data Quality solutions.
- Experience in **ETL** processes. Worked extensively on **Data Extraction, Transformation and loading** from different data sources using **ADF**.
- Monitor **performance of pipelines**, troubleshoot incidents, and provide support to end-users.
- Good understanding of Application **Data models** and data modelling activities.
- **Designing ETL/ELT** processes from the source systems to Azure cloud.
- Knowledge in **Azure Data bricks** and notebooks development
- Having good experience **Azure Databricks Data Lake**.
- Designed various ingestion and processing patterns based on use cases in **Data Lake**.
- Experience in Managing and storing confidential credential in **Azure Key vault**.
- Orchestrated the end-to-end data integration pipelines using **Azure Data Factory**.
- Hands-on experience in python and Spark components like Spark-core and Spark-SQL
- Experience on Migrating SQL database to **Azure data Lake, Azure data lake Analytics, Azure SQL Database, Data Bricks and Azure SQL Data warehouse and setting Auto trigger automate pipelines migrating on premise databases to Azure Data Lake store using Azure Data factory**.
- Worked closely with SME's/Process owners for **getting requirements** clear through Process definition document (PDD)/ Business requirement document (**BRD**)/ TDD.
- Worked on **Performance Tuning** with the help PySpark Notebook code and SQL for reducing the pipeline run time and to have faster generation of reports.
- Self-directed, organized, capable of multi-tasking and willing to shift priorities to meet project needs and expectations.
- Worked on creating the RDDs, DFs for the required input data and performed the data transformations using Spark-core.
- Develop Power Bi data visualizations within Power BI to meet business solutions.

Key Competencies

Azure Services:	Azure Data Factory, Azure Databricks, Azure Data Lake, Azure SQL database Azure Key Vault, Logic App, Azure blob storage, lot hub, Synapse Analytics, Azure streamline analytics, Cosmos DB
Spark Frameworks:	SparkCore, SparkSQL, PySpark
Cloud Environment:	Microsoft Azure.
Programming Languages:	Python, SQL
Database:	SQL Server, MySQL
Domain Expertise:	Banking, Insurance, FMCG, Automobile
Reporting Tools:	Power BI & Excel

Project's profile

NielsenIQ, INDIA (Nov 2022 to Present)

Client –Target Client

Project Title: EDW migration to Azure

Process Description: Target is a large retail corporation with over 1,900 stores in the US. They generate revenue through merchandise sales, credit card profit sharing, and other sources. Their business model focuses on offering quality products at affordable prices and providing a convenient and satisfying shopping experience. We create a centralized database.

Roles & Responsibilities:

- Primarily involved in Data Migration using SQL, **SQL Azure, Azure Data Lake, and Azure Data Factory.**
- Build analytic tools that utilize the **data pipeline** to provide actionable insights into customer acquisition, operational efficiency, and other key business performance metrics.
- Working with Source team to extract the data and it will be loaded in the ADLS.
- Creating the **linked service** for source and target connectivity Based on the requirement.
- Creating the pipelines and datasets which are **deployed in ADF** non-restricted.
- Once it's created pipelines and datasets will be **triggered** based on LOAD (HISTORY/DELTA) operations.
- Based on source (big or small) data loaded files will be processed in **AZURE DATABRICKS** by applying operations in **Spark SQL**. Which will be deployed through **AZURE DATA FACTORY pipelines.**
- Professional in creating **data warehouse**, design-related extraction, loading data functions, testing designs, data modelling, and ensure the smooth running of applications.
- Responsible for extracting the data from OLTP and OLAP using **Azure Data factory and Databricks to Data Lake.**
- Developed pipelines that can **extract data** from various sources and merge into single source datasets in Data Lake using Databricks.
- Created connections from different sources from On-Prem and cloud to only source for **Power BI reports.**
- Coordinate with external teams to reduce data flow issues and unblock team members

Persistent Systems, (June 2019 to Nov 2022)

Client – Wells Fargo

Process Description: Wells Fargo is investment banking which deals with many investment products. Wells Fargo & Company is an American multinational financial services company with corporate headquarters in San Francisco, California, operational headquarters in Manhattan, and managerial offices throughout the United States and internationally. We create **a centralized database.**

Roles & Responsibilities

- Used Reporting tools **Power Bi** to connect with Hive for generating daily reports of data.
- Designed and developed an end - to - end data lake solution from scratch, which enabled the client to **ingest and process large amounts of data.**
- Collaborated with business leaders to define requirements & give technical solutions.
- Developed and maintained **data pipelines** using azure services resulting in increased

data processing speed.

- Collaborated with cross-function teams to design and implement **scalable data** architecture.
- Designed, developed, and deployed **ETL** solutions utilizing Microsoft synapse and data factory to **Extract, Transform and Load** data from various sources to the azure SQL databases which act as a target table.
- Implemented **azure logic apps** and functions to automate business processes and improve efficiency.
- Maintained technical, integrations, configurations, and other interface documentations.

Academic profile

- Bachelor's in computer engineering, 2019 (Pune University, Pune).

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Pune

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