

CHIKADIBIA FRIDAY EZEH

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AZURE DATA ENGINEER

Professional Summary

Dynamic and results-driven **Azure Data Engineer** with **over 3 years of experience** in designing, developing, and optimizing **data pipelines, ETL processes, and cloud-based architectures** to drive business intelligence and advanced analytics. **Microsoft-certified** with credentials in **Azure Data Engineering, Power BI, and Enterprise Data Analysis**, demonstrating expertise in managing and transforming large-scale datasets for high-performance, real-time processing. Proficient in Azure Data Factory, Delta Lake, Spark Streaming, Databricks, PySpark, and Spark SQL, with a deep understanding of big data processing, data warehousing, and cloud infrastructure. Committed to continuous learning and innovation, staying at the forefront of advancements in data engineering and AI-driven technologies to enhance efficiency and decision-making.

Core Skills and Competences

- Azure Data Engineering & Architecture** (Azure Data Factory, Azure Synapse, Microsoft Fabric)
- ELT & ETL Pipeline Development** (Pipeline Building, Orchestration, and Troubleshooting)
- Cloud-based Data Warehousing & Storage Solutions** (Azure Data Lake, SQL Data Warehouse)
- Big Data Processing & Analytics** (Delta Lake, Delta Live Tables, Spark Streaming, Databricks)
- Machine Learning & AI-driven Analytics** (Data Science Integration, Predictive Analytics)
- Data Governance, Security & Compliance** (Unity Catalog, Role-Based Access Control)
- Advanced Data Modeling & Optimization** (SQL, Python, PySpark, Spark SQL)
- Business Intelligence & Reporting** (Power BI, Data Visualization, Dashboard Development)
- Automation & Performance Tuning** (Workflow Automation, Data Pipeline Optimization)

Work Experience

Oct 2023 – Till Date **AZURE DATA ENGINEER**
Freelancing

- Designing, building, and maintaining scalable data solutions using Azure Data Factory, Databricks, and Synapse Analytics to support business intelligence and analytics needs.
- Utilizing Microsoft Fabric for data modeling, real-time data processing, and providing a unified analytics experience across hybrid environments.
- Developing and optimizing ETL and ELT pipelines, ensuring efficient data ingestion, transformation, and integration from multiple sources.
- Troubleshooting data pipeline failures and performance bottlenecks, ensuring high availability and reliability.
- Designing and implementing data models, dashboards, and reports using Power BI, Matplotlib and Seaborn.

- Implementing Delta Live Tables for real-time data ingestion, enabling faster decision-making for business teams.
- Developing a machine learning-ready data pipeline, facilitating AI-driven predictive analytics for key business functions.
- Work with SQL, Python, PySpark, and Spark SQL to develop complex data transformation and aggregation logic.

Nov 2022 – Oct 2023 EXCHANGE ONLINE ENGINEER – MICROSOFT 365 TECHNICAL SUPPORT
Tek Experts Nigeria - V.I., Lagos.

- Provided technical support and troubleshooting for Exchange Online, including mailbox management, email flow, and security configurations.
- Successfully migrated over 5,000 mailboxes from on-premises Exchange to Exchange Online with minimal downtime.
- Assisted customers with Exchange Online integration with Outlook, Microsoft Teams, and third-party applications.
- Ensure compliance with Microsoft 365 security and compliance policies, including auditing, eDiscovery, and legal holds.

Apr 2018 – Nov 2022 DATA ANALYST – RECONCILIATION
Access Bank Plc. - V.I., Lagos

- Obtained over 5 million records, using T-SQL, from database and analyzed these data using Microsoft Excel, Power Query and statistical techniques and providing ongoing reconciliation reports.
- Liaised with the Operations units to investigate and resolve posting errors to General Ledger accounts and ensured issue tracking is maintained.
- Liaised with the I.T. operations to investigate and resolve anomalies affecting General Ledger Accounts.
- Worked closely with software developers, business analysts, project managers, and the robotic process automation team to improve the reconciliation process.

Education & Qualifications

B.Sc. **Bachelor of Science in Mathematics**
University of Nigeria, Nsukka – **2012**

Other

Certifications: Microsoft Certified: Azure Enterprise Data Analyst Associate – **2023**
Microsoft Certified: Power BI Data Analyst Associate - **2023**
Udacity: Data Analyst Certificate of Completion – **2022**
Microsoft Certified: Azure Data Engineer Associate – **2022**
Microsoft Certified: Azure AI Engineer Associate – **2022**
Microsoft Certified: Azure Data Scientist Associate – **2022**
Microsoft Certified: Azure Database Administrator Associate – **2022**
Microsoft Certified: Azure AI Fundamentals – **2021**
Microsoft Certified: Azure Data Fundamentals - **2021**
WorldQuant University: Machine Learning and Statistical Analysis – **2020**
WorldQuant University: Scientific Computing and Python for Data Science – **2020**