EGHOVE OVIE O'NEIL

Backend & Data Engineer

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EXPERIENCE

Adroit Solutions Ltd
2024 – 2025

Data Engineer | IT Consultant

- Designed and optimized ETL pipelines using **Talend, SQL, and Python**, improving data processing efficiency and reliability across financial systems.
- Extracted, transformed, and integrated large datasets from banking platforms including **FintrakFundManager BD & EasyBankAX** into a unified enterprise data environment.
- Collaborated with engineering and compliance teams to deliver secure workflows aligned with **CBN and AML/KYC standards**, consulting for financial institutions including **CityCode, AG Mortgage Bank, SunTrust Bank, Imperial Bank, and Jigawa Bank** on backend automation, data migration, and system integration.

Humblemind
Oct. 2024

Data Engineering & Analytics Intern

- Selected for a data analysis project focused on **Border Crossing Analysis**, working with large datasets to perform data exploration and statistical analysis that identified behavioral patterns and cross-border activity trends.
- Collaborated with team members to interpret analytical results and deliver **actionable insights and recommendations**, supporting data-driven decision-making and service optimization.

PROJECTS

Agricultural Data Analysis (AgricProject) (Link)

- Developed a full-stack commodity analytics and forecasting platform using **React, FastAPI, and SQL Server**, enabling users to configure ARIMA/SARIMA and GARCH models for market price prediction.
- Designed backend forecasting APIs and interactive dashboards to visualize predictions, confidence intervals, MAE/RMSE metrics, and exportable CSV reports for data-driven agricultural planning.

US-Border Crossing Analysis (Link)

- Performed advanced SQL-based analysis on U.S.-Mexico and U.S.-Canada border traffic datasets (2021–2023), identifying seasonal trends, busiest ports, and crossing behavior patterns.
- Developed analytical queries and aggregations to generate data-driven insights supporting traffic optimization, resource planning, and backend data exploration workflows.

E-Commerce Backend API (Spring Boot) (Link)

- Developed a scalable e-commerce backend using **Spring Boot**, implementing layered architecture with components to manage products, categories, and transactional workflows.
- Built RESTful APIs with JPA/Hibernate for database interaction, enabling CRUD operations, structured data access, and backend integration with frontend applications.

Personal Portfolio Platform (React) (Link)

- Built a responsive portfolio web application using **React** to present professional experience, certifications, and technical projects in a unified client-facing platform.
- Designed reusable UI components and structured project data models to deliver an organized, interactive interface showcasing backend and data engineering work.

EDUCATION

Federal University of Technology Minna, Niger State
Aug. 2020 – May 2025

Bachelor of Technology(B.Tech) in Industrial Mathematics
Minna, GK

CERTIFICATIONS

Complete Guide to SQL for Data Engineering: from Beginner to Advanced Nov. 2024
LinkedIn Learning View Certificate

Advanced SQL Project: Design and Manage a Database Nov. 2024
LinkedIn Learning View Certificate

Microsoft SQL Server 2022 Essential Training Oct. 2024
LinkedIn Learning View Certificate

ETL in Python and SQL Oct. 2024
LinkedIn Learning View Certificate

Database Design Fundamentals Oct. 2024
LinkedIn Learning View Certificate

Excel Statistics Essential Training: 1 Oct. 2024
NASBA View Certificate

Statistics Foundations 2: Probability Oct. 2024
NASBA View Certificate

Inventory Management Foundations Oct. 2024
NASBA View Certificate

Basics of Business Model Canvas Concept Jun. 2024
Unilever View Certificate

Introduction to Data Analysis in Excel Course Jun. 2024
Dataquest View Certificate

Data Science Methodology Jan. 2024
IBM View Certificate

Tools for Data Science Nov. 2023
IBM View Certificate

SKILLS

Languages : Python, SQL, Java, XML, Json, Kotlin, R, Javascript, Html, CSS, Latex
Tools : SpringBoot, Talend, Vscode, Bubble, MSSM, MySQL, Oracle, AWS