

Skills

- SQL and NOSQL Databases (MYSQL, MONGODB, CASSANDRA)
  - Python (Pandas, NumPy, SciPy, Matplotlib)
  - ETL Pipelines (Airflow, DAG)
- Cloud Platforms (AWS, AZURE)
  - Database Administration & Design
  - Data Warehouse
  - Version Control (Git)

Projects

DATABASE DESIGN ON EMPLOYEE ATTRITION SYSTEM – Personal Project – Lagos, NG

December 2023

- Designed and implemented a robust database system aimed at understanding and mitigating employee attrition within the organization.
- Developed a comprehensive data model that accommodates essential employee attributes, such as personal details, job roles, performance metrics, and engagement factors.
- Implemented queries and reports that enable HR and management to identify key risk factors, track attrition trends over time, and make informed decisions to enhance employee retention strategies.

BASIC ETL PIPELINE – Personal Project – Lagos, NG

December 2023

- Developed an ETL pipeline capable of seamlessly extracting data from diverse sources, including CSV, JSON, and XML formats.
- Designed and executed transformation processes to cleanse, reshape, and enrich the extracted data, ensuring consistency and compatibility across different formats.
- Integrated a comprehensive logging system to capture key metrics and timestamps at each stage of the ETL pipeline.

A ML PIPELINE FOR AIRFOIL NOISE PREDICTION – Personal Project – Lagos, NG

January, 2024

- Orchestrated Extract, Transform, Load (ETL) processes to clean the dataset by handling duplicate rows and removing null values, ensuring high-quality input for machine learning models.
- Built and fine-tuned a predictive model using state-of-the-art machine learning algorithms to forecast SoundLevel based on various input features.
- Implemented model persistence by saving the trained machine learning model for future use, enabling seamless integration into production environments.

Work Experience

TECHNICAL SUPPORT INTERN – VFD TECH – Lekki, Lagos

June 2023 - October 2023

- Documented troubleshooting steps to resolve transaction problems.
- Monitor, manage and update tickets on Freshdesk.
- Monitor transactions in the database using SQL and escalate to superiors if error occurs.
- Prepare transaction reports daily.

WEB DESIGNER – Upwork (Freelance) – Lagos, NG

March 2023 – October 2023

- Collaborated with a diverse range of clients on upwork to create visually appealing and user-friendly websites that meets their unique requirements and business goals.
- Conducted client consultations to understand their specific design needs, branding guidelines and target audience, ensuring the creation of websites that effectively represented their brand identity.
- Translated client requirements into wireframes, prototypes and design concepts utilizing industry standard design tools and software
- Developed responsive and mobile friendly website layouts, ensuring optimal user experience across different devices and screen sizes.

Education

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE** – University of Nigeria, Nsukka – Enugu, NG November 2019  
- April 2024

Majors: Data Structure, Algorithm, Databases, Software Engineering

**IBM DATA ENGINEERING PROFESSIONAL CERTIFICATE** – Coursera – Online Coursework December 2023 -  
January 2024

Majors: Airflow, NoSQL Databases, Relational Databases, Apache Kafka