

VOHIRO DAVID

Database Administrator | Backend Engineer

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PROFILE SUMMARY

Versatile and performance-driven **Database Administrator and Backend Engineer** with 2+ years of experience building reliable backend systems and managing mission-critical databases. Skilled in designing RESTful APIs, optimizing database performance, and developing scalable, secure web applications. Proficient in SQL, Python (Flask/Django), and PostgreSQL/MySQL, with strong experience in data modeling, query tuning, and automation using scripting. Known for delivering clean, efficient backend code and supporting data-driven business operations across cross-functional teams

WORK EXPERIENCE

HSSL Technologies, Maryland - Lagos — DATA ANALYST

MARCH 2024 - PRESENT

- Automated data extraction with Python scripts, cutting processing time by 50%.
- Develop and maintain dashboards, reports, and visualizations using excel to communicate key findings.
- Administered and maintained PostgreSQL and MySQL databases, improving query performance by 35%.
- Cleaned and validated large dataset using Excel and Python
- Developed ETL pipelines consolidating data from multiple platforms.

Sceptre Fashion Clothings, Remote <Part-Time> — BACKEND ENGINEER

JANUARY 2025 - PRESENT

- **Designed and developed RESTful APIs** for the company's e-commerce platform using Flask and Django, enabling seamless user authentication, product catalog access, and order management.
- **Architected the backend system** to support scalable inventory tracking, order fulfillment, and real-time stock updates across multiple retail locations and the online store.
- **Optimized database performance** (PostgreSQL) by restructuring data models and indexing frequently queried fields, reducing API response time by 40%.
- Integrated **third-party logistics APIs** for real-time shipping estimates and delivery tracking, reducing customer complaints generally.

TECHNICAL SKILLS

Databases: PostgreSQL and MySQL

Languages: Python, Javascript, SQL and shell scripting

Web Development & APIs

Version Control &

Collaboration: Git, Github and trello

CORE COMPETENCIES

Database Administration

(MySQL PostgreSQL and SQL Server)

Data Analysis and Visualization

(Power BI, Excel, Tableau)

Web Development & APIs:

RESTful API design and development

Database Modelling, Query Optimization and Indexing

Programming with Python, Javascript, C and C#

DATA CERTIFICATIONS

SQL by Udacity

Google Data Analytic

ALX - software Engineering

ALX Data science (In Progress)

EDUCATION

Federal University Of Technology, Akure (FUTA), Ondo state — Degree

NOVEMBER 2012 - NOVEMBER 2017

B.Agric(Tech) from the Department of Crop, Soil and Pest Management. <First Class>

PROJECTS HIGHLIGHT

Desktop Application for ETL Process and Data Cleaning <Python>

- Created a windows desktop app that automates Data Extraction, Transformation and Loading reducing data cleaning time by 35%

Sales Performance Dashboard <Power BI>

- Integrated CRM data for dynamic reports reducing churn by 10%

Database Migration and Optimization

- Migrated ecommerce MySQL database to PostgreSQL with improved performance

PROFESSIONAL AFFILIATIONS

- Member, Data Science Nigeria
- Member, International Database of Expert in M&E and Global Development
- Member, Nigeria Association of Computing Students (NACOS)