FREDERICK OSEI-KUFFOUR

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PROFILE

Data Analyst with three years of experience developing analytical solutions, designing databases, automating reporting processes, and building web-based information systems. Experienced in SQL, Python, MySQL, Power BI, and Flask, with a strong background in translating operational data into actionable insights. Developed and deployed a production payroll management system and customized enterprise data collection platforms used to support organizational operations.

SKILLS

- ✓ *Databases:* MySQL, SQL.
- ✓ *Analytics & BI:* Power BI, Excel (Advanced), Power Query, Google Sheets.
- ✓ *Programming:* Python, Streamlit, Fast Api.
- ✓ *Deployment:* Dokploy.
- ✓ *Data Quality:* Data validation, error detection, data cleaning, backup and recovery procedures.

PROFESSIONAL EXPERIENCE

Deeper Christian Life Ministry – National Headquarters, Accra, Ghana.
Head, Information Management System/Data Analyst | Sep 2023 - Present
Promoted to Head of Information Management System in Nov 2025

- ✓ Lead data operations for 500+ staff across 92 divisions across Ghana.
- ✓ Design and maintain MySQL databases supporting organizational reporting and data storage.
- ✓ Develop data administration policies and standards for data collection, validation, and backup procedures.
- ✓ Standardized data workflows across departments, reducing reporting errors by 30%.
- ✓ Set up IT infrastructure allowing applications to access centralized databases.
- ✓ Test data models and database management systems before deployment.
- ✓ Provide guidance to staff on database management tools and reporting systems.

Data Analyst

- ✓ Built Streamlit-based database application with MySQL backend, improving reporting accessibility and reducing operational costs by 20%.
- ✓ Automated 12+ recurring reports using SQL, Python, and Power Query.
- ✓ Developed Power BI dashboards for operational monitoring across multiple divisions.

Projects:

- ✓ *Stock screener web application | https://github.com/Fredderby/stock-app.*
- ✓ *Web-based payroll management system | Proprietary organizational project deployed on dokploy.*
- ✓ *Developed and deployed a customized attendance data collection management system with a backend admin dashboard.*

Ghana Statistical Service, Ghana.
Field Officer | 2021

- ✓ Supported population census data collection operations using CAPI software and mobile devices.
- ✓ Coordinated workflow activities to support timely completion of enumeration exercises.
- ✓ Achieved 80%+ enumeration coverage within assigned operational areas.

EDUCATION

MSc, Industrial Finance & Investment | KNUST, Ghana | 2019 - 2020.
BSc, Mathematics with Economics | University for Development Studies, Ghana | 2010–2014.

CERTIFICATIONS

-Google Data Analytics | Business Intelligence & Data Analysis (BIDA) | Financial Modelling & Valuation (FMVA) | Intermediate Data Science Bootcamp (Organized by Deeper Life).