

# Jephtha Bofa Amakye

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## SUMMARY

A motivated and results-driven professional with a strong passion for software engineering and data analysis, seeking an engaging position that presents challenges and opportunities for significant contributions. Dedicated to improving efficiency and achieving impactful results through innovative solutions to real-world problems. Proficient in data visualization, backend development, and IT support, with a proven track record of optimizing workflows and delivering data-driven insights.

## EDUCATION

- Bachelor of Science in Information Technology, University of GhanaSept 2019 - Sept 2023

## CERTIFICATES & TRAININGS

- Data Analysis and Visualization (Python, MS Power BI), UdemySeptember, 2024
- Web Development (React), UdemyNovember, 2023
- Backend Engineer Career Path, CodeCademyMay, 2022
- Web Programming, University of GhanaJuly, 2019

## EXPERIENCE

- Data Analyst and IT support, GCAA, Accra**Dec 2023 - Oct 2024
  - Coordinated office operations, managed executive schedules, and ensured smooth daily workflows. Assisted in UI/UX design for web applications and provided support to the IT team on Java-based projects.
  - Optimized the organization of physical and electronic documents, ensuring easy access and confidentiality. Utilized Microsoft Office Suite to prepare reports and support data-driven decision-making.
  - Enhanced operational efficiency by 15% by analysing flight data and IT systems, providing actionable insights. Led system optimizations to further improve productivity.
  - Developed weekly reports and dashboards using Microsoft Power BI, providing real-time system insights and proposing IT solutions to optimize performance and service delivery.
  - Delivered first-line IT support by diagnosing and resolving hardware, software, and network issues, ensuring that service incidents were logged, resolved within SLAs, and followed up on to guarantee stakeholder satisfaction. Continuously enhanced troubleshooting procedures, fostering improved IT service quality and responsiveness.
- Backend Dev Intern, Enorince Technologies, Kumasi**Oct 2022 - Dec 2022
  - Collaborated with senior developers to troubleshoot and resolve technical issues, ensuring 100% on-time project delivery for client-facing features.
  - Developed and tested over 10 RESTful APIs, ensuring robust security and system functionality, which led to a 20% increase in system reliability.
  - Collaborated with team members to maintain and manage systems and applications.
  - Gained hands-on experience with PHP, Node.js, JavaScript, HTML, and CSS, contributing to both frontend and backend components, while enhancing system scalability and performance.
- Data Engineering Intern, Axis Drone Surveys, Accra**Jul 2022 - Aug 2022
  - Optimized data collection processes by collaborating with project managers to ensure alignment with project requirements, improving workflow efficiency by 20%.
  - Collaborated with the team to process and validate data, ensuring 99% accuracy and completeness, aiding in project execution and timely reporting.

- Proficiently configured new network equipment for maximum effectiveness.

## TOOLS AND SKILLS

### Technical Skills

MS Office Suite

MS Power BI

SQL server

Angular.js

RESTful API Dev

React.js

Node.js

Flutter

Firebase

UI Design (Figma)

Python

MongoDB

MySQL

Postman

Windows Forms C#

Version Control

Web (HTML, CSS, JS)

Project Management

Testing and Debugging

Docker

### Soft Skills

- Adaptability
- Attention to detail
- Communication
- Critical Thinking
- Problem-solving
- Teamwork

## RELEVANT PROJECTS

Project Title, Year	Tech Stack
· <b>Portfolio Website</b> , 2024: Developed a responsive portfolio website using React.js and Node.js to showcase personal projects and skills.	React.js, Node.js, BootStrap,
· <b>BISAME Web and Mobile Application</b> , 2022: Collaborated on the development of a web and mobile application for business managements	PHP, React, MyPHPAdmin, SQL, BootStrap
· <b>Inventory Management Desktop App</b> , 2021: Designed and developed an inventory management system for a supermarket.	Windows Forms C#
· <b>Tech Gadgets E-Commerce Mobile App</b> , 2020: Built a mobile e-commerce application for the sale and marketing of tech gadgets.	React Native, Firebase
· <b>Transport Management Console App</b> , 2020	Python (Console); Windows Forms C#
· <b>Grade &amp; GPA Computation Console App</b> , 2020	Java; Python
· <b>Snake mobile game</b> , 2019	Java, JavaFX

## REFERENCES

- Mrs. Gloria Omari Baffour, ATC Admin Head (GCAA)
  - +233 267729981
- Mr. Derrick Annan, CEO (Axis Drone Surveys)
  - +233 248227503
- Mr. Acheampong Enoch, Senior Full Stack Engineer (Enorince Technologies)
  - +233 546848386