

Ukeme Edet

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Summary

I am an enthusiastic and dedicated programmer with a solid background in engineering and nearly a year of professional software development experience, along with three years of coding expertise. I excel at identifying problems and developing practical solutions, making significant contributions to every project I undertake.

Education

ALX – Software Engineering

Expected January 2025

University of Lagos – BSc in Computer Engineering

Expected August 2027

Experience

Backend Engineer (volunteer), TEDxMaitama – Abuja, NG (Remote)

August 2024 – September 2024

Technologies: Python, Flask, Flask-SQLAlchemy, Flask-RESTful

- Developed Flask endpoints for the yearly conference, contributing **70% of the codebase** and serving **over 2,000 attendees**
- Collaborated closely with the lead backend engineer to ensure seamless integration of endpoints with the overall system architecture
- Proactively resolved potential backend issues beyond assigned tasks, increasing system reliability by **15%**
- Improved API documentation, enhancing clarity for future developers and reducing onboarding time by **30%**

Projects

Whispers - An Anonymous Messaging Platform

<https://whispers-gray.vercel.app>

2 Teammates

- Documented the API using the OpenAPI 3.0 Specification, improving its usability and maintainability
- Engineered the backend API architecture with the **Flask Python framework**, ensuring scalability and high performance
- Managed the backend MySQL server, optimizing queries to handle high volumes of requests efficiently
- Led the team to successfully integrate the frontend and backend, ensuring smooth communication between components

Notepad - A Simple Notepad and To-Do App

<https://star-notepad.netlify.app>

Solo Project

- Designed and built a two-in-one Notepad and To-Do app using **Angular**, targeting productivity users
- Implemented CRUD functionalities for notes, allowing **100% data persistence** and seamless updates
- Integrated To-Do list features, enabling task prioritization and tracking with completion status
- Deployed the app via **Netlify**, ensuring **24/7 accessibility** and high reliability

Extracurriculars

- Achieved **3rd place in Nigeria** at **IEEEExtreme 18 (2024)**, showcasing exceptional programming skills
- Secured **3rd place in DevSprint twice (2023 & 2024)**, highlighting consistency in problem-solving
- Advanced competitive programming skills, currently ranked as **Pupil** on **Codeforces**

Skills

Programming: C, C++, Python, JavaScript, Data Structures, Algorithms

Server Technologies: NGINX, Linux, Ubuntu, Bash, Azure, Flask, FastAPI

Database Technologies: SQL, MySQL, MongoDB, SQLAlchemy, Redis

Frontend Technologies: HTML, CSS, JavaScript, TypeScript, Angular, Tailwind, Netlify