

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

January 2025

University of Lagos – BSc in Computer Engineering

Expected August 2027

Relevant Coursework: Functional Programming, Object Oriented Programming, Algorithms, Data Structures, Digital Logic Design

Skills

Programming: C, C++, Python, JavaScript, C#, Data Structures, Algorithms, Test-Driven Development, Soucr control (GIT)

Server Technologies: NGINX, Linux, Ubuntu, Bash, Azure, Flask, FastAPI, ASP.NET, Docker, RESTful API Design

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

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

Experience

Intern Backend Engineer, Codebase Technologies – Lagos, NG (Remote)

March 2025 – Present

Technologies: C#, .NET, ASP.NET, MySQL, Docker

- Developed and tested API endpoints using the .NET framework
- Leveraged ASP.NET packages for efficient controller-based endpoint creation
- Gained hands-on experience in deploying public endpoints

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

4EvaBraids - Online Hair Braiding Platform

<https://github.com/VicTheM/4EvaBraids-backend>

1 Backend Developer, 2 Frontend Developers, 1 UI/UX Designer

- Collaborated with another backend developer to architect and design the system and data model
- Implemented 2/3 of the backend codebase, ensuring efficient API development and seamless integration
- Developed a booking platform for hair braiding services, allowing clients to book appointments with skilled braiders for both home and onsite services
- Integrated Instagram and TikTok galleries into the platform to showcase braiders' work while keeping database storage efficient
- Developed a premium booking experience with a seamless UI/UX to enhance user satisfaction
- Added a blog feature to boost SEO and enable ad placements
- Implemented advanced data logging and automation to streamline booking processes for both clients and braiders

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, optimising queries to handle high volumes of requests efficiently
- Led the team to successfully integrate the frontend and backend, ensuring smooth communication between components

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 **Specialist** on **Codeforces**