

# Ukeme Edet

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## Summary

I am an enthusiastic and dedicated programmer with a solid background in engineering and 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, Source 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 10+ API endpoints using the .NET framework
- Used ASP.NET packages to cut development time by 30% and enhance endpoint performance by 25%.
- 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 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

- Designed a scalable system for 10,000 users with another developer.
- Built 65% of the backend, achieving sub-200 ms API response times.
- Integrated Instagram and TikTok, increasing engagement by 40% and reducing storage by 30%
- Automated booking processes, cutting time by 35% and improving efficiency by 20%.

**Whispers - An Anonymous Messaging Platform**

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

2 Teammates

- Documented the API using OpenAPI 3.0, reducing onboarding time for new developers by 30%.
- Engineered the backend with Flask, improving scalability and handling a 50% increase in user traffic.
- Managed MySQL server, optimising queries to cut response times by 40% and boost throughput by 20%.
- Led frontend and backend integration, enhancing deployment efficiency by 25% and reducing production bugs by 15%.

## 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, achieved the rank of **Specialist** on **Codeforces**