Ukeme Edet

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EDUCATION

University of Lagos — Lagos, NG
Bachelor of Science in Computer Engineering — *Nov. 2021 – Present*

ALX Africa — Lagos, NG
Software Engineering — *Sep. 2023 – Jan 2025*

EXTRACURRICULARS

Achieved 3rd place in Nigeria at IEEEXtreme 18 (2024), showcasing exceptional programming skills

Secured 3rd place in DevSprint twice (2023 & 2024), highlighting consistency in problem-solving

Achieved the rank of Specialist on Codeforces (1505 peak rating), placing in the top 20% worldwide

EXPERIENCE

Intern Backend Engineer — Mar. 2025 – Present
Codebase Technologies — *Lagos, NG (Remote)*
- Developed and tested 10+ RESTful API endpoints in .NET for reliable data exchange.
- Achieved a 30% reduction in development cycles and a 25% increase in API performance by integrating ASP.NET packages, enhancing developer efficiency and user experience.
- Deployed public API endpoints, gaining experience in managing production environments and ensuring high availability.

Backend Engineer (volunteer) — Aug. 2024 – Sep. 2024
TEDxMaitama — *Abuja, NG (remote)*
- Developed key Flask endpoints, making up 70% of the backend code, to support over 2,000 attendees at the TEDxMaitama conference.
- Collaborated with the lead backend engineer to optimise API integration and enhance platform stability.
- Resolved key backend issues, boosting system reliability by 15% and preventing disruptions during high-traffic events.
- Created API documentation (OpenAPI 3.0) that cut new developer onboarding time by 30% and enhanced future maintenance clarity.

PROJECTS

4EvaBraids | *Python, FastAPI, SQLAlchemy, MongoDB, Pytest, Linux* — Dec. 2024 – Jan. 2025
- Developed a scalable backend system for an online hair-braiding platform, supporting 10,000+ concurrent users.
- Developed 65% of the backend architecture, achieving ultra-low API response times of sub-200ms, significantly enhancing user experience and platform responsiveness
- Integrated Instagram and TikTok APIs, increasing user engagement by 40% and optimising media storage by 30%.
- Automated booking processes reduce operational time by 35% and improve system efficiency by 20%.

Whispers | *Python, Flask, MySQL, SQLAlchemy* — June 2024 – Sep. 2024
- Authored comprehensive API documentation using OpenAPI 3.0, streamlining new developer onboarding by 30% and improving team efficiency
- Developed a Flask-based backend, enhancing system scalability to effectively manage a 50% surge in user traffic while maintaining high performance
- Managed MySQL database, improving query response times by 40% and increasing data throughput by 20%.
- Spearheaded frontend and backend integration efforts, enhancing deployment efficiency by 25% and reducing production bugs by 15% through robust collaboration

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (Postgres), JavaScript, TypeScript, Java, C#, Go
Frameworks: Node.js, Flask, Pytest, .NET, FastAPI, Express, Angular, Tailwind
Server Technologies: NGINX, Linux, Ubuntu, Bash, Azure, Git, Docker, MySQL, MongoDB, Redis
Misc: Functional Programming, Object Oriented Programming, Algorithms, Data Structures, Test-Driven Development, Digital Logic Design