IKEM DAVID

SOFTWARE ENGINEER
Port Harcourt, Nigeria | U.S. Citizen | No U.S. Visa Sponsorship Required
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PROFESSIONAL SUMMARY

Entry-level Software Engineer with experience developing and deploying full-stack web applications using Python, FastAPI, JavaScript, React and MySQL. Built an e-commerce platform with REST API integration, user authentication, shopping cart functionality and order checkout. Internship experience includes backend development, automated testing with Pytest, and technical troubleshooting.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL, HTML, CSS
Frameworks & Development: React, FastAPI, REST APIs, Git, GitHub
Databases & Testing: MySQL, Pytest
Cloud & Deployment: Vercel, Railway, Aiven, Cloudinary

PROJECTS

Lore | Full-Stack E-commerce Web Application
React, JavaScript, Python, FastAPI, MySQL, Cloudinary

- Developed a full-stack e-commerce application featuring user registration, authentication, product browsing, shopping cart management, and order confirmation.
- Built the Python/FastAPI backend and integrated it with a React frontend to support application features through REST API requests.
- Configured MySQL database hosting on Aiven, deployed the backend to Railway and the frontend to Vercel, and integrated Cloudinary for product image storage.

Live Application: lore-gilt-one.vercel.app | **Source Code:** github.com/Ikem-David/Lore

PROFESSIONAL EXPERIENCE

Software Development Intern Mar 2025 – Jun 2025
TotalEnergies | Port Harcourt, Nigeria

- Contributed to backend development tasks using Python and FastAPI, working under the review and guidance of senior engineers.
- Wrote Pytest test cases to check application behavior and develop practical experience with automated software testing.
- Completed structured training in software engineering workflows, development tools and coding standards.

IT Support Intern Jan 2025 – Mar 2025
BGT Technical | Port Harcourt, Nigeria

- Diagnosed and resolved internal support tickets involving hardware, software and network connectivity issues.
- Collaborated with IT staff to investigate recurring technical problems and improve user support processes.
- Performed routine equipment maintenance and provided technical assistance to internal users.

EDUCATION

Bachelor of Science (B.Sc.), Software Engineering Oct 2022 – Jul 2026
Babcock University | Ogun State, Nigeria