

Fayemi Muhammed

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SKILLS

- Python, Django, Flask, JavaScript, React.js, Next.js, TypeScript, MySQL, RESTful APIs, Git, Agile Methodology, Docker, Redis, Tailwind CSS, CI/CD Concepts, OAuth, SQLAlchemy, Bootstrap
- Experienced in building scalable backend systems, responsive frontend interfaces, API integrations, authentication systems, and team-based collaborative workflows.

EXPERIENCE

- **Optisoft Technology Company Ltd** Lagos, Nigeria
Junior Software Engineer Jan. 2025 – June 2025
 - **Engineered Pizza Ordering Platform:** Engineered a full-stack pizza ordering app serving 2,000+ customers monthly. Implemented end-to-end ordering logic, integrated Paystack for payments, and deployed responsive UI components with React.
 - **Optimized Internal Admin Panel:** Streamlined role-based admin tools used by 30+ employees through RESTful APIs and modular backend architecture.
 - **Agile Collaboration:** Participated in 20+ code reviews, unit-tested APIs, and contributed to biweekly sprints using Git and project boards.
 - **Tech Stack:** Python, Django, Flask, React, TypeScript
- **Lasaco Insurance Plc** Lagos, Nigeria
Contract Software Engineer June 2024 – Dec. 2024
 - **Modernized Claims Management:** Migrated legacy claims workflows to a digital portal, used by 500+ customers monthly, with Django REST and React.
 - **Automated Tax & Premium Calculations:** Implemented a tax engine handling 10+ region-specific policies; boosted policy issuance accuracy by 35%.
 - **Digitized Policy Documentation:** Automated generation of 1000+ policy documents with dynamic templates, embedded user data, and digital signatures.
 - **Enhanced System Security:** Rolled out JWT-based auth and granular access roles for underwriters, claim agents, and clients.
 - **Tech Stack:** Python, Django, DRF, React, Bootstrap
- **Africa Agility** Lagos, Nigeria
Software Engineer & Mentor July 2024 – Feb. 2025
 - **Led Bootcamp Workshops:** Spearheaded training sessions for 20+ aspiring female developers on agile workflows, frontend design, and Git.
 - **Mentorship & Feedback:** Mentored teams on full-stack project delivery, reviewed 100+ code commits, and coached on deployment strategies.
 - **Tech Stack:** React, Node.js, TypeScript, MySQL, Redis
- **ALX Africa** Remote
Intern Software Engineer Sept. 2024 – Dec. 2024
 - **Refactored Student Portal Features:** Refactored lesson tracking and dashboard components to reduce load time by 40%, boosting UX and maintainability.
 - **Collaborated Across Teams:** Worked with 10+ mentors and interns in agile sprints to deliver new features and resolve technical debt.
 - **Tech Stack:** Python, Flask, React, Next, TypeScript, MySQL, Redis

EDUCATION

- **Osun State University (UNIOSUN)** Osogbo, Osun State
B.Eng in Mechanical Engineering Oct. 2017 – Nov. 2022
- **ALX Africa** Remote / Africa-wide
Software Engineering Program July. 2023 – Aug. 2024

PROJECTS

- **TechMeet.io – Tech Event Management Platform — Demo — GitHub:** Architected full-stack platform with QR-code ticketing, OAuth, and role-based access; served 10+ active users.
- **NoXera – Unified Component Explorer — Demo — GitHub:** Built developer-facing tool aggregating components from Shadcn/UI, Magic UI, and Aceternity UI. Integrated AI-powered suggestions using Gemini API; supported live previews and copy-ready install snippets.
- **PayForMe – Online Crowdfunding App — Demo — GitHub:** Built secure donation app with Flask and Stripe; enabled users to launch campaigns and track \$10+ in donations.
- **Simple Shell – Custom Unix Shell (Team Project) — Demo — GitHub:** Created C-based command interpreter supporting piping, redirection, and built-ins. Applied memory management, fork/exec, and Git collaboration.
- **CryptoApp – Cryptocurrency Dashboard — Demo — GitHub:** Built React + Redux dashboard with real-time data and news from Coinranking/Bing APIs. Implemented charts and filters.
- **ImageKit – Image Upload Optimizer — Demo — GitHub:** Developed React-based image upload tool supporting preview, compression, and dynamic cropping.

ACHIEVEMENTS AND RESPONSIBILITIES

- **Committee Member – Google Developer Group (GDG) Osogbo:** Organized 5+ events, coordinated logistics, and facilitated DevFest 2024 with 200+ attendees.
- **2nd Place – Hackathon Winner, Osun Tech Fest 2024:** Led 4-member team in delivering MVP within 24 hrs addressing health-tech workflow.
- **2nd Place – RTC Hackathon 2024:** Engineered backend/frontend MVP to solve logistics challenge, placed 2nd out of 20+ teams.