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

- **Mactavis Digital** — 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**: Architected full-stack platform with QR-code ticketing, OAuth, and role-based access; served 500+ active users.
- **PayForMe – Online Crowdfunding App**: Built secure donation app with Flask and Stripe; enabled users to launch campaigns and track $10K+$
  $in donations.$**Simple Shell – Custom Unix Shell (Team Project)**: $Created C-based command interpreter supporting pipin$
- **CryptoApp – Cryptocurrency Dashboard**: Built React + Redux dashboard with real-time data and news from Coinranking/Bing APIs. Implemented charts and filters.
- **ImageKit – Image Upload Optimizer**: 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.
- **1st 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.