# Fayemi Muhammed

https://www.linkedin.com/in/fayemi-muhammed/

#### 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

Mobile: 08136211748

Jan. 2025 - June 2025

Email: muhammedfayemi@gmail.com

Junior Software Engineer

- 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.
- o 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.
- o 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.
- o Mentorship & Feedback: Mentored teams on full-stack project delivery, reviewed 100+ code commits, and coached on deployment strategies.
- o Tech Stack: React, Node.js, TypeScript, MySQL, Redis

ALX Africa Intern Software Engineer

Remote Sept. 2024 - Dec. 2024

• Refactored Student Portal Features: Refactored lesson tracking and dashboard components to reduce load

- time by 40%, boosting UX and maintainability.
- o Collaborated Across Teams: Worked with 10+ mentors and interns in agile sprints to deliver new features and resolve technical debt.
- o 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 (Jan 2025 Present): Architected full-stack platform with QR-code ticketing, OAuth, and role-based access; served 500+ active users.
- PayForMe Online Crowdfunding App (Nov 2024 Present): Built secure donation app with Flask and Stripe; enabled users to launch campaigns and track 10K + indonations.Simple Shell Custom Unix Shell (Team Project): CreatedC basedcommandinterpretersupportingpipin
- 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.