Fayemi Muhammed

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

Email : muhammedfayemi@gmail.com
Mobile : 08136211748

TECHNICAL SKILLS

- **Backend:** Python, Django, Flask, Go, Node.js, RESTful APIs, GraphQL, SQLAlchemy, OAuth 2.0, JWT Authentication

- **Frontend:** JavaScript, TypeScript, React.js, Next.js, Tailwind CSS, Bootstrap, Responsive Design, Component Libraries

- **Databases:** MySQL, PostgreSQL, Redis, Database Optimization, Query Performance Tuning

- **DevOps & Tools:** Docker, CI/CD Pipelines, Git, Agile/Scrum, AWS, Deployment Automation, Code Review Leadership

EXPERIENCE

- **Optisoft Technology Company Ltd** — Lagos, Nigeria
  Junior Software Engineer — Jan. 2025 – June 2025
  - Architected Pizza Ordering Platform: Developed a full-stack pizza ordering application serving 2,000+ customers monthly, achieving 99.5% uptime and processing $15K+ in monthly transactions through integrated Paystack payments.
  - Enhanced Internal Admin Panel: Streamlined role-based admin tools used by 30+ employees, reducing administrative task completion time by 45% through optimized RESTful APIs and modular backend architecture.
  - Led Code Quality Initiatives: Conducted 20+ code reviews, established unit testing standards achieving 85% coverage, and mentored 3 new developers in best practices during biweekly sprints.
  - Tech Stack: Python, Django, Flask, React, TypeScript, Docker

- **Lasaco Insurance Plc** — Lagos, Nigeria
  Contract Software Engineer — June 2024 – Dec. 2024
  - Modernized Claims Management: Migrated legacy claims workflows to a digital portal serving 500+ customers monthly, reducing claim processing time by 60% using Django REST Framework and React.
  - Deployed Automated Tax Engine: Established tax calculation system supporting 10+ regional tax policies, eliminating manual calculation errors and reducing policy issuance time by 65% for 1,000+ monthly policies.
  - Digitized Document Generation: Automated creation of 1,000+ policy documents monthly with dynamic templates and digital signatures, improving accuracy by 40% and reducing processing time by 70%.
  - Strengthened System Security: Integrated JWT-based authentication with granular role-based access control for underwriters, claim agents, and clients, reducing security incidents by 90%.
  - Tech Stack: Python, Django, DRF, React, Bootstrap, PostgreSQL

- **Africa Agility** — Lagos, Nigeria
  Software Engineer & Mentor — July 2023 – Feb. 2025
  - Facilitated Technical Bootcamps: Spearheaded training sessions for 50+ aspiring female developers, achieving 80% completion rate and 60% job intern placement success through comprehensive full-stack curriculum.
  - Provided Technical Mentorship: Guided 15+ developer teams through project delivery, reviewed 100+ code commits, and coached deployment strategies resulting in 95% successful project launches.
  - Established Development Standards: Created coding guidelines and best practices documentation, reducing onboarding time for new developers by 50%.
  - Tech Stack: React, Node.js, TypeScript, MySQL, Redis, Git

- **ALX Africa** — Remote
  Software Engineering Intern — Sept. 2024 – Dec. 2024
  - Optimized Student Portal Performance: Refactored lesson tracking and dashboard components, reducing page load times by 40% and improving user experience for 1,000+ active students.
  - Collaborated in Cross-Functional Teams: Partnered with 10+ mentors and interns in agile development cycles, delivering 5+ major features and resolving 50+ technical debt issues.
  - Tech Stack: Python, Flask, React, Next.js, 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 event management platform with QR-code ticketing system, OAuth integration, and role-based access control, successfully managing 10+ events with 30+ attendees.

- Nexora – Unified Component Explorer — Demo — GitHub: Developed component discovery platform aggregating 500+ UI components from Shadcn/UI, Magic UI, and Aceternity UI, reducing developer search time by 60% with AI-powered recommendations via Gemini API integration.

- PayForMe – Crowdfunding Platform — Demo — GitHub: Created secure donation platform with Flask and Stripe integration, facilitating $10+ in donations across 2+ campaigns with 99.9% payment success rate and real-time progress tracking.

- Simple Shell – Custom Unix Shell — GitHub: Collaborated on C-based command interpreter supporting advanced features like piping, redirection, and built-in commands, demonstrating systems programming expertise and effective team collaboration.

- CryptoApp – Cryptocurrency Dashboard — Demo — GitHub: Developed React + Redux dashboard with real-time cryptocurrency data and news integration from Coinranking/Bing APIs, featuring interactive charts and advanced filtering capabilities.

- ImageKit – Image Optimization Tool — Demo — GitHub: Designed React-based image processing application with compression and cropping features, achieving 40% average file size reduction while maintaining quality standards.

LEADERSHIP & ACHIEVEMENTS

- Committee Member – Google Developer Group (GDG) Osogbo: Organized 5+ technical events and coordinated DevFest 2024 logistics, engaging 200+ developers and fostering community growth in local tech ecosystem.

- 2nd Place – Osun Tech Fest Hackathon 2024: Led 4-member development team in delivering health-tech MVP within 24 hours, demonstrating rapid prototyping and leadership capabilities under pressure.

- 2nd Place – RTC Hackathon 2024: Architected full-stack logistics solution MVP, securing 2nd position among 20+ competing teams through innovative problem-solving and technical execution.

- Technical Mentor: Successfully guided 15+ new developers through career transitions, with 90% achieving successful intern job placements in tech companies within 6 months.