

Mutairu Lawal

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Professional Summary

Full-stack developer who transforms complex technical challenges into scalable, high-performance web applications. With expertise spanning React, Next.js, and TailwindCSS on the frontend, to FastAPI, Django, and PostgreSQL on the backend, I specialize in building end-to-end solutions that balance clean architecture with exceptional user experience. My approach is rooted in technical precision and practical problem-solving—whether architecting RESTful APIs, optimizing database performance, or crafting responsive interfaces. Currently seeking full-time opportunities to leverage my full-stack expertise in building impactful products.

Experience

Backend Engineer

Sept 2025 – Oct 2025

TaskHive

- Designed and maintained high-performance REST APIs using FastAPI, serving 10K+ daily active users with sub-200ms response times
- Optimized PostgreSQL database schemas and queries, reducing API latency by 40% and improving data retrieval efficiency for critical workflows
- Collaborated with cross-functional teams (DevOps, Frontend, QA) to ensure seamless integration, reducing deployment errors by 30%
- Implemented Dockerized microservices for scalable deployments, enabling CI/CD pipelines and zero-downtime updates
- Automated testing workflows with pytest and Postman, achieving 95% test coverage for core backend functionality

Frontend Developer Intern

Sep 2024 – Jan 2025

KodeHauz

- Developed responsive UI components for the KodeHauz website, improving user engagement and accessibility across devices
- Collaborated with designers and backend developers to integrate frontend systems with RESTful APIs, ensuring seamless data flow
- Implemented React/Next.js best practices to enhance code performance and maintainability
- Contributed to feature planning and requirements gathering alongside cross-functional teams in Agile sprints

Projects

E-commerce Platform – shopNow

[shopNow](#) 

- Built scalable e-commerce platform with product catalog, search functionality, shopping cart, and secure checkout system
- Developed RESTful APIs for product management, user authentication, and order processing using Django REST Framework
- Integrated real-time inventory tracking and comprehensive admin dashboard for business operations
- Optimized frontend performance with lazy loading, pagination, and efficient state management
- **Tech Stack:** JavaScript, HTML5, Bootstrap, CSS3

Fintech Web Application – PiggyVest Clone

[piggy-vest-cloned-app](#) 

- Developed full-featured savings and investment platform with user registration, goal-based savings, and automated withdrawal systems
- Implemented secure JWT authentication, transaction history tracking, and digital wallet management
- Created comprehensive admin panel for user management, savings plan configuration, and analytics dashboard
- **Tech Stack:** React, FastApi, TailwindCSS, Redux, PostgreSQL

Interactive Quiz Application – quizWhiz

[quizzwhizz](#) 

- Built dynamic quiz platform with multiple question types, timed assessments, and real-time score calculation
- Implemented user authentication, quiz creation interface, and detailed performance analytics
- Designed responsive UI with smooth animations and intuitive navigation for enhanced user experience
- **Tech Stack:** JavaScript, HTML5, Bootstrap, CSS3

Technologies

Languages: JavaScript, TypeScript, Python, HTML5, CSS3

Frontend: React, Next.js, TailwindCSS, Bootstrap, Material UI, Redux

Backend: FastAPI, Django, Django REST Framework, RESTful APIs

Databases: PostgreSQL, MySQL, SQLite, MongoDB

DevOps & Tools: Docker, Git, GitHub, CI/CD, VS Code, Vite, NPM

Testing: pytest, Postman, Cypress, Playwright

Other: REST API Development, Database Optimization, Responsive Design, Agile/Scrum

Education

Kwara State University, Malete Ilorin
BSc in Biochemistry

Feb 2016 – Feb 2021