QUADRI KOBIOWU

Software Engineer | Web & Mobile Applications

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Software Engineer with **4+ years of industry experience** designing and building **secure, scalable, and maintainable systems** for real-world production environments. Proven ability to translate complex business requirements into **robust system architectures** that meet industry standards for **performance, security, and long-term scalability**.

KEY SKILLS

Technologies & Tools: JavaScript, ES6, HTML, CSS, NodeJS, Express JS, MongoDB, MySQL, Sequelize, EJS, Docker, RESTful API, GIT & GitHub, Postman, Swagger, TailwindCSS, Bootstrap, React.js, React Native, Expo, PostgreSQL, Next.js, Redux, ShadCNUI and PHP.

Technical Skills: Database Management, Technical Documentation, Security Best Practices, Backend & Frontend Development, Unit and Integration Testing, Cross-Functional Collaboration

Engineering Practices: System Design, RESTful APIs, Unit & Integration Testing, Security Best Practices, Agile Development, Technical Documentation

WORK EXPERIENCE

Software Engineer | Mastering Backend (*Remote*)   November 2025 – Present

As a Software Engineer at BackendMastering.com, I contribute to the development and maintenance of production systems.

- Implement application features and business logic
- Integrate frontend applications with backend APIs
- Debug, test, and optimize application performance
- Collaborate with engineers to deliver scalable solutions • Maintain clean, maintainable, and well-documented code

Software Engineer | NAGIDA (*Hybrid*)   December 2024 – December 2025

- I've stepped into the role of **Technical Team Lead** at NAGIDA Foods, where I'm responsible for shaping and executing our technology strategy to support core business operations.
- My focus is on leading a skilled engineering team, improving system architecture, and delivering scalable, efficient solutions that align with our long-term goals. With a strong foundation in software development and backend engineering, I'm committed to implementing practical, high-impact technologies that drive performance and support organizational growth.

Software Engineer Intern | E-AMBITION, France (*Remote*)   August 2024 – Nov 2024

- I worked as an Intern Software Engineer in the APP department at E-AMBITION, a leading IT and digital marketing company. I was involved in developing the app for WORCAL, a project to enhance business efficiency through innovative solutions. My role involves designing and building key features, ensuring seamless user experience, and collaborating with a talented team to deliver a high-quality product.

- At E-AMBITION, I gained hands-on experience in app development, contributing to the broader mission of transforming ideas into impactful technological solutions.

Backend Engineer | Zealight Innovation Labs, *Lagos (Remote)*   March 2024 – August 2024

- Innovated server-side solutions and microservices, by improving application scalability and enhancing application efficiency.

- Created comprehensive technical documentation, facilitating knowledge sharing and reducing onboarding time by 10%.

- Led the collaboration with frontend and backend teams to deliver software solutions that enhanced business owner satisfaction by 25%.

- Contributed to codebases, improving software functionality and performance, resulting in a 20% increase in efficiency.

- Reduced vulnerabilities by enhancing security measures and ensuring compliance with industry standards.

Backend Developer (Node.js) Intern | CapacityBay, *United States*   August, 2023 – January 2024

- Architected clean, modular server-side solutions using Node.js, Express.js, and MySQL to improve system robustness

- Utilized Sequelize for efficient database integration, reducing query times by 45%.

- Implemented best practices for scalable and maintainable code, contributing to a 5% reduction in bug reports.

- Conducted unit and integration testing, ensuring code reliability and achieving a 98% pass rate.

Frontend Developer (ReactJS) Intern | CapacityBay, *United States*   June, 2022 – July, 2023

- Developed software solutions with ReactJS, Next.js, and Redux to improve application performance

- Styled user interfaces with Tailwind CSS and Bootstrap, resulting in a 40% increase in user satisfaction.

- Leveraged ReactJS, Next.js, and Redux to develop scalable applications, thereby improving frontend performance by 80%.

- Collaborated with frontend teams to deliver high-quality, user-centric applications, increasing user retention by 20%.

EDUCATION

University of Ibadan
Bachelor of Science – Computer Science

Layola College, Ibadan, Nigeria   2014 - 2020
High School

PROJECT WORK

- **MyEstateNG - A Comprehensive Gated Estate Management Solution:** Developed and optimized server-side functionalities, ensuring seamless access control, bill payments, marketplace interactions, emergency reporting, and amenities booking. With a focus on customization, accountability, and real-time updates, MyEstateNG sets the standard for modern estate management, delivering tangible benefits and unparalleled convenience to users across the board. *-MongoDB and ExpressJS.*

- **TRAK -** Designed and developed **Imprexi Trak**, a Progressive Web App that helps the company streamline productivity by managing appointments, tracking project progress, assigning tasks, and sending automated alerts.
  1. Built the frontend with **React (Vite), Tailwind CSS, and Zustand** ensuring a clean, responsive, and user-friendly interface.
  2. Engineered the backend with Express.js**, MongoDB, and Redis**, implementing **Role-Level Security (RLS)**, authentication, and role-based access control for admin and staff.
  3. Delivered a **scalable and secure solution** that the company now actively uses to improve workflow efficiency and team collaboration.

EXTRACURRICULAR ACTIVITIES

Software Engineer Instructor | Code Vortex Academy, *Ibadan*

- Instructed aspiring developers in frontend, backend, and full-stack development, fostering their proficiency in key technologies including MERN Stack, HTML, CSS, JavaScript, PostgreSQL, and MySQL.
- Mentored students in problem-solving techniques and best practices, preparing them for success in full-stack development roles.
- Monitored student progress and provided personalized feedback, guiding each learner towards achieving their goals in the field of web development.

Software Engineering Instructor – Kodelift(kodelift.ng) Software Engineering Bootcamp (2025)

- Delivered a **6-week intensive training program** in full-stack web development (HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB).

- Taught and mentored post-secondary school leavers through **theory, hands-on coding labs, and real-world projects**.

- Guided students in building and deploying **portfolio-ready applications** using GitHub, Vercel, and Render.

- Conducted **code reviews, mentorship sessions, and hackathon-style practicals** to strengthen problem-solving and teamwork skills.

- Helped shape students' **career readiness in software engineering** through exposure to modern tools, workflows, and best practices.