Ezekiel Oluwafikayo Fajobi

Software Engineer

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Summary

Versatile Full Stack Software engineer with 7 years of experience in building secure, scalable, and high-performance web applications with a proven ability to architect robust APIs, design intuitive user interfaces, and integrate complex systems including payment gateways and third-party services. Proficient in PHP, MySQL, JavaScript, and modern frontend framework like Laravel, react, Node/Express JS, with a strong emphasis on clean design, performance optimization, and security best practices. Skilled at automating business workflows, enhancing platform reliability, and delivering seamless user experiences. Passionate about system architecture, cross-functional collaboration, and mentoring development teams to deliver impactful software solutions that align with business goals.

Technical Skills

- **Backend Development**: PHP (Laravel), Python, GoLang, Node/Express Js
- **Database Management:** MySQL, PostgreSQL, MongoDB
- **Payment Integrations:** Paystack, Flutterwave, PayGate, Interswitch, PayPal
- **API Development:** RESTful APIs, OAuth, JWT Authentication
- **Security & Performance:** Data Encryption, Role-Based Access Control (RBAC), Server Optimization
- **Cloud & DevOps:** Docker, AWS, CI/CD Pipelines
- **Frontend (Basic Knowledge):** JavaScript, React, Tailwind CSS

Work Experience

System Programmer   Aug 2019 – 2025

Ladoke Akintola University of Technology, Nigeria   • Full-time

Ogbomoso, Nigeria

- Technologies: Laravel , MySQL, RESTful APIs, JavaScript, Tailwind CSS
- Developed and integrated university-wide payment solutions, ensuring secure and automated fee processing via Interswitch.
- Led the creation of a Student Biodata Automation System, optimizing data accuracy and eliminating manual entry errors.
- Designed and deployed a web-based document verification system for certificates, notifications of results, and transcripts.
- Built an automated convocation portal, streamlining payments, student verification, and certificate generation.
- Implemented role-based access control (RBAC) and enhanced authentication security using OAuth.
- Collaborated with cross-functional teams in the development and optimization of over 15 software solutions across the university's digital ecosystem, significantly enhancing student and administrative experiences.
- Provided backend support for database management and server-side scripting, ensuring data integrity and high performance.
- Researched and implemented new technologies to improve efficiency, security, and scalability across the university's digital systems.

Software Engineer /IT Consultant

Sep 2023 – 2025

<u>T-bolt Security Limited, UK.</u> • Freelance

Remote

Technologies: WordPress • PHP • RESTful API • Laravel • SQL

- Implemented a staff clocking system with real-time payroll tracking and payment processing.
- Developed a training platform with automated payment verification, enabling seamless course enrollment.
- Enhanced security features, including two-factor authentication (2FA) and data encryption.
- Provided leadership in IT strategy, ensuring all platforms were secure, scalable, and aligned with business goals.
- Collaborated with cross-functional teams to deliver functional, efficient, and user-friendly systems.

Software Engineer

Jun 2024 – 2025

<u>Journal of Applied Econometrics and Quantitative Methods Limited, Nigeria</u> • Freelance

Remote

Technologies: Laravel • RESTful API • React • MySQL • Tailwind css

- Designed and maintained the JAEQM Frontend/Backend platform, a comprehensive digital ecosystem for managing academic research publications in econometrics and quantitative methods, supporting authors, reviewers, and administrators through every stage of publication.
- Developed and implemented a robust peer review system, facilitating paper submissions, reviews, and final approvals with streamlined communication between authors, reviewers, and admins.
- Integrated multi-currency payment processing, supporting both local and international transactions using Paystack.
- Developed custom financial reporting dashboards, tracking transactions, subscriptions, and processing fees.
- Ensured compliance with financial regulations and data security standards in payment processing.
- Provided technical services and consultancy, ensuring smooth functionality and ongoing improvements to meet the evolving needs of the journal platform.
- Regularly updated the platform to enhance performance, improve user experience, and align with the growing needs of the academic publishing community.

Software Engineer

Jun 2022 – 2025

<u>Ecosoftwares Consulting Limited, Nigeria.</u> • Freelance

Remote

Technologies: WordPress • RESTful API • PHP • Laravel • JavaScript

- Developed and maintained a **Learning Management System (LMS)** with **automated course payments** and student subscription models.
- Integrated **Flutterwave and Paystack** for secure transactions and **automated invoicing**.
- Enhanced **performance tracking and analytics**, providing real-time progress reports to students.
- Enabled interactive learning features, allowing students to complete assignments, quizzes, and engage with course materials, enhancing their learning experience.
- Impact: Ecosoftwares Consulting has transformed the educational landscape by providing an accessible, structured, and measurable approach to online learning, helping students and researchers acquire valuable skills and knowledge at their own pace.

Application Programmer

March 2025 – Present

<u>West African Examination Council (WAEC)</u> • Full-time

Lagos, Nigeria

- Collaborating with senior engineers to understand existing architecture, deployment practices, and code standards across WAEC's digital platforms.
- Assisting in the preliminary testing and documentation of key software components related to student data processing and result verification.
- Actively engaged in national exam duties, contributing to the successful coordination and technical facilitation of examination processes.
- Gaining hands-on experience in secure data handling, institutional workflows, and large-scale system design within an educational assessment environment.
- Develop a Security Material Allocation System for packing centres. Which helps aids easy distribution of security material withing the strong room taking care of excess and shortages thereby controlling human errors during allocation, foresee possible clogs and reduce time taking for packing centre examination materials.

Education

Master's degree: Computer Science

Mar 2021 – Sep 2023

Ladoke Akintola University of Technology, Ogbomoso

Ogbomoso, Nigeria

Bachelor's degree: Computer Science

Sep 2016 – May 2019

Ladoke Akintola University of Technology, Ogbomoso

Ogbomoso, Nigeria

Certifications & Awards

- Certificate in Digital Marketing Fundamental - Google

  June

  2018

- International Computer Driving License Certificate (ICDL) - ICDL Society

  Dec 2020

- Computer Professionals Registration Council of Nigeria (CPN) - Computer Professionals Registration Council of Nigeria (CPN)

  Jan 2025

- AWS Certified Developer – Associate (In Progress)

  2025