BODE-AJAYI AKOLADE VICTOR

Software Engineer | Electrical & Electronic Engineering Student

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📍 Nigeria

🔗 kolzsticks-portfolio.vercel.app

🔘 https://github.com/Kolzsticks

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💼 PROFESSIONAL EXPERIENCE

Electrical & Electronic Engineering Intern VAAV Innovative Solutions .
VAAV Innovative Solutions
2025 – Present | Ibadan, Nigeria

- Contributed to the design and implementation of power cube inverter systems, embedded electronics, and solar energy solutions.
- Participated in the assembly, testing, and troubleshooting of inverter and embedded system components to ensure reliability and performance.
- Supported solar installation projects, including system setup, testing, and verification of power output and safety requirements.
- Collaborated with engineers to analyze technical requirements and translate them into practical, implementable engineering solutions.

🎓 EDUCATION

B.Sc. Electrical & Electronic Engineering
University of Ibadan
In Progress

🧠 CORE TECHNICAL SKILLS

Frontend & Web Engineering   ● ● ● ● ○
React.js, Next.js (App Router, Server Components, SSR, SSG), JavaScript

UI & Design Systems   ● ● ● ● ●
Tailwind CSS, Bootstrap, ShadCN UI, responsive and accessible design

Systems & Integrations   ● ● ● ● ○
Payment gateway integration (Flutterwave, Ercaspay), authentication systems, email services (Nodemailer), RESTful APIs
Tools

Tools & Workflow   ● ● ● ● ○
Git, GitHub, npm, pnpm, bun, production debugging, performance optimization, cross-device testing

🏠 LEADERSHIP EXPERIENCE

SOCIETY OF ELECTRICAL AND ELECTRONIC ENGINEERING UNIVERSITY OF IBADAN (SEEESUI)
Financial Secretary
03/2025 – 03/2026 | University of Ibadan

- Managed financial records and dues for a large engineering student body.

👤 PROFESSIONAL SUMMARY

Software Engineer with hands-on experience building and deploying production web applications using React and Next.js. Strong focus on payment systems, authentication, and real-world system reliability. Currently an Electrical and Electronic Engineering undergraduate and Engineering Intern at VAAV Innovative Solutions. Proven ability to design systems used by real users, handle live transactions, and deliver practical, maintainable solutions.

- Ensured accountability and accurate tracking of expenditures and payments.
- Led the transition from manual dues collection to a digital payment system.

⭐ SELECTED PROJECT EXPERIENCE

E-Commerce Platform
Onyx shop
- Built a production-ready e-commerce frontend using Next.js App Router.
- Implemented authentication, checkout workflows, and responsive layouts.
- Focused on performance optimization, scalability, and consistent behavior across devices and environments.
- Integrated frontend logic with backend services to support real-world purchase flows.

University Department Blog Platform
Ifepolitika | Lumen Blog

Department of Political Science, Obafemi Awolowo University (OAU)
- Developed the frontend for the Political Science Department blog platform at Obafemi Awolowo University in collaboration with a Python Django backend developer.
- Built a modern, responsive interface to support departmental news, articles, and academic content publishing.
- Integrated content management workflows into the frontend while working within constraints imposed by a third-party rich-text editor.
- Resolved UI inconsistencies and styling issues caused by the editor through custom layout structuring and CSS overrides.

📁 KEY ENGINEERING PROJECT

SEEES Dues Payment System
Software Engineer | System Designer
- Designed and developed a secure online dues payment platform used by 300+ students, handling 1,000+ dues transactions over 12+ months in production.
- Integrated Flutterwave and Ercaspay payment gateways to enable reliable online collections.
- Implemented automated receipt generation and downloadable payment records to improve transparency and accountability.
- Replaced manual dues collection with a digital system, significantly improving efficiency and financial record accuracy.
- Deployed and maintained the system in production, supporting hundreds of student users, managing live financial transactions, and ensuring ongoing system reliability.
- Tech Stack: Next.js, React, Tailwind CSS, Payment APIs

⭐ ADDITIONAL INFORMATION

Strong interest in scalable software systems and applied engineering Technical writing and continuous learning Growing interest in mobile and Android development