

OLUSEGUN ADEJOLU

Software Engineer | Forward Deployed Engineer | Full Stack Developer

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PROFESSIONAL SUMMARY

Innovative Software Engineer with hands-on experience building, deploying and supporting production-grade web and mobile applications across power, fintech, insurance and education sectors. Skilled in full-stack development, API integrations, production support, debugging and stakeholder collaboration using React.js, Next.js, Typescript, Node.js and PostgreSQL. Experienced in translating operational and customer requirements into scalable technical solutions, resolving production incidents and supporting deployment workflows in fast-paced environments.

TECHNICAL SKILLS

Languages and Frontend: JavaScript, TypeScript, HTML5, CSS3, React.js, React Native, Next.js, Redux Toolkit, Tailwind CSS, Bootstrap.

Backend and APIs: Node.js, Rest APIs, API Integration, Authentication & Authorization, PostgreSQL.

Tools: Git, GitHub, Postman, VS Code, Docker, Vercel, MS Word, MS Excel.

PROFESSIONAL EXPERIENCE

Application Support Engineer

November 2025 – Present

IBADAN Electricity Distribution Company – (NYSC Internship)

- Acted as a frontline engineer supporting applications in a live power-distribution environment, resolving production incidents and ensuring high system availability.
- Coordinated with IT operations, network and business users to gather requirements, support system enhancements and ensure applications aligned with IBEDC operational workflows.
- Proactively identified recurring system failures, collaborated with engineering teams to deploy fixes and reduced downtime by 40%.

Mobile Application Developer

June 2025 – August 2025

BINCOM Dev Center – (Internship)

- Designed and deployed an incident reporting mobile application using React, wrapped with Capacitor–Cordova for native mobile deployment, alongside high-performance web applications built with Next.js, TypeScript, increasing SEO visibility by 15% and application performance by 50%.
- Troubleshooted frontend integration issues and optimized application workflows, improving reliability and user experiences by 30%.
- Worked across the stack to implement secure application modules by integrating authentication systems and third-party API services, ensuring robust end-to-end functionality.

Full Stack Software Developer

November 2023 – November 2024

GOMYCODE Academy – (Remote)

- Developed a digital platform that streamlined sales processes and improved customer transaction flow, reducing operational inefficiencies by 15%.
- Built and optimized responsive web applications aligned with design specifications, improving platform accessibility and reducing UI inconsistencies by 30%.
- Partnered with senior developers to refine backend and frontend codebases, enhancing performance and reducing server response times by 20%.

Frontend Engineer

August 2023 – January 2024

NSIA Insurance Limited – (On-Site)

- Collaborated with the senior developers to build the NSIA Inventory Portal to facilitate staff items requests from the admin department, ensured the website bugs were fixed increasing user satisfaction by 40%.
- Worked closely with the senior developers in bringing the NSIA Mobile App to live, performed usability tests to identify bugs, fixed UI errors, tested the API and payment processing integrations to ensure the optimization of user-centric design thereby boosting customers engagement and task completion rates up by 30%.
- Utilized various testing and experimentation strategies in web and app developments to ensure smooth deployment resulting in a 20% reduction in post-deployment issues and improved team delivery efficiency.

Web Developer

May 2023 – July 2023

Doyen Emerging Technologies Engineering Limited – (Hybrid)

- Developed and deployed responsive, interactive websites using HTML, CSS, and JavaScript, enhancing user engagement and mobile accessibility.
- Conducted rigorous testing and troubleshooting to ensure optimal performance across devices reducing user-reported issues by 30%.
- Mentored junior developers in programming fundamentals, data structures, and problem-solving, improving their project completion rate and code quality up by 20%.

EDUCATION & CERTIFICATION

Bachelor of Science: Electronic and Computer Engineering

Lagos State University, Lagos, Nigeria (April 2025)

Diploma: Full Stack Web Development

GOMYCODE Academy

Graduate Member, Nigerian Society of Engineers

Nigerian Society of Engineers (NSE)

PERSONAL PROJECTS

Incident Reporting System

Tech Stack: React, JavaScript, Tailwind CSS, Bootstrap, JSONBin.io, REST APIs.

- Engineered and deployed a production-oriented incident reporting application supporting user authentication, incident tracking, and dynamic CRUD Operations.
- Integrated API-based storage workflows using JSONBin.io to manage real-time incident data interactions and user specific records.
- Implemented frontend authorization logic and protected routing leveraging application security and user satisfaction by 40%.

Live Link: <https://incidentapp-lovat.vercel.app/>

Online Restaurant Ordering Application

Tech Stack: React, Next.js, TypeScript, Tailwind CSS, Redux Toolkit, JavaScript.

- Developed a responsive restaurant ordering application enabling users to browse food menus, manage carts, and interact with dynamic user interfaces.
- Built reusable and scalable frontend components using React.js, Next.js, and TypeScript to improve UI consistencies.
- Implemented centralized state management using Redux Toolkit for efficient cart updates and data handling, optimized application routing and component rendering improving user engagement by 30%.

Live Link: <https://brainy-spices.vercel.app/>