

Epe, Lagos, Nigeria.

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BUSOLA OKEOWO

FULL STACK ENGINEER

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Product-Focused Software Engineer (Ex-CTO) with extensive experience launching and scaling digital platforms across Africa. From engineering **automated savings engines** to leading a digital agency to **10+ successful deliveries**, I bridge the gap between complex backend architecture and business growth. Specialized in building secure, cost-efficient infrastructure that drives user retention and operational excellence.

EDUCATION

AKOKA YABA, LAGOS

UNIVERSITY OF LAGOS

DEC. 2016 – DEC. 2021

- BSc. in Industrial Mathematics with Computer Science.

EMPLOYMENT

SENIOR BACKEND ENGINEER

ALAJO TECHNOLOGIES LTD

AUGUST 2025 - PRESENT

- Standardized the codebase using Event-Driven patterns and a Generic Repository, reducing feature development time by **30%**.
- Built a validation service managing **₦500k monthly**, enforcing strict agent collection limits and automated settlements to ensure **100% auditability**.
- Architected the technical foundation for the **Alajo Marketplace** and **Savings Plans**, building complex eligibility engines and interest calculation services to drive user retention.
- Spearheaded a strategic migration to **Sequelize** and implemented critical indexing across core models, ensuring **sub-second response times** for 600+ live transactions.

TECHNOLOGY CONSULTANT
(VOLUNTEER)

THE VIRTUAL SOUL CLINIC

MAY 2025 – PRESENT

- Built and deployed a **coach availability and rescheduling system** that reduced canceled coaching sessions by enabling seamless coach substitutions.
- Integrated a **shared Zoom infrastructure**, saving the organization **20+ licenses** and approximately **\$3,000/year** in license costs.
- Designed and implemented a **dashboard** to track key program metrics including: Coach activity, Client session history, & Available meeting slots
- Introduced a post-session **feedback collection system** to measure coaching effectiveness and improve service quality.

CTO

VEESITOR TECHNOLOGIES

AUG 2024 - JAN 2026

veesitor.com

- Launched and led the development of Veesitor, a digital estate management platform enabling residents to pay dues, manage access, and receive updates.
- Delivered high-impact features like access code generation, automated resident reminders, and a flexible dues system for different property types and resident plans.
- Conceptualized a waste-to-wealth rewards system to incentivize recycling, enabling users to earn airtime and pay utility bills—designed for future rollout.
- Collaborated with estate managers and residents to ensure features aligned with real-world needs, boosting early adoption and platform relevance.

CTO**PRODEEGI****JULY 2024 - JAN 2026**

prodegi.com

- Spearheaded the growth of **Prodeegi**, a digital agency providing custom software, product strategy, and website development for businesses across Africa.
- Led full product lifecycles—from ideation to deployment—ensuring scalable, secure, and user-friendly solutions for both SaaS and web clients.
- Architected robust backend systems using **NestJS, Node.js, Redis, and MySQL**, optimized for performance, reliability, and maintainability.
- Managed and mentored a small team of developers and designers, fostering a culture of **technical excellence and cross-functional collaboration**.
- Provided strategic technical direction that aligned with client business goals, resulting in **successful delivery of 7+ websites and 1 SaaS platform**.
- Enforced security best practices and focused on infrastructure efficiency, delivering high-impact solutions at **minimal cost**.

CO-FOUNDER & CTO**GREATER EREDO INVESTMENTS LTD****JULY 2023 - FEB 2025**

AgricTrail.com

- Designed and developed the entire app from scratch, leading product design, frontend, and backend development.
- Built core features for farm record-keeping, financial analysis, and budgeting, empowering farmers to optimize operations.
- Implemented a scalable architecture with Node.js, NestJS, and MongoDB, ensuring reliability and flexibility.
- Automated production cost calculations, depreciation tracking, and profitability analysis

SOFTWARE ENGINEER**NOVUGRID TECHNOLOGIES****SEPTEMBER 2020 - MARCH 2024**

Noja360.com

- Led technical feature development, making strategic decisions to drive product success.
- Developed user-friendly solutions, collaborating with non-technical teams to streamline processes.
- Created impactful email templates for enhanced user engagement and communication.
- Mentored interns and helped new team members settle in, fostering a culture of growth and learning.
- Achieved significant milestones, including building a robust reporting system and a powerful business intelligence engine for customer analysis powering over 10,000+ users.
- Implemented efficient event systems and managed cron jobs for seamless operations.

FRONTEND ENGINEER**BORDERLESS HQ****NOVEMBER 2021 - MAY 2022**

- Developed front-end applications, meeting UI requirements and integrating API endpoints.
- Created an efficient project structure for the frontend app, optimizing developer experience.
- Collaborated with cross-functional teams to deliver polished user interfaces.
- Proactively resolved technical issues and maintained code quality.

WEBSITE DEVELOPER**FADEN COOPERATIVE LIMITED****DEC 2019 - JUNE 2020**

- Designed & Developed a cooperative management system, enabling seamless registration for cooperative members across different states.

- Collaborated with stakeholders to ensure requirements were met and implemented necessary enhancements.
- Implemented data validation and security measures to protect user information.
- Conducted thorough testing and debugging to ensure high-quality deliverables.

ADDITIONAL EXPERIENCE AND AWARDS

- **Website Development Training Facilitator:** Conducted WordPress training sessions, equipping participants with the skills to build websites while providing guidance on design, content creation, and customization.
- **Winner, Microsoft Leap Hackathon (2019):** Received top honors as part of the winning team at the Microsoft Leap Hackathon for the innovative solution designed to empower farmers with market access.

LANGUAGES AND TECHNOLOGIES

- **Languages:** JavaScript, TypeScript, PHP
- **Frontend Development:** HTML/CSS, Vue.js, React.js
- **Backend Development:** Node.js, Nest.js, Laravel Framework, MySQL, MongoDB
- **Other Skills:** UI/UX Design, Responsive Web Design, API Integration and Development, Agile Methodologies, Version Control (e.g., Git), Product Management, Testing and Debugging, Cross-functional Teamwork, Client Relationship Management, Effective Documentation Skills