

EMMANUEL ODILI OSEZUA

Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 1+ year of professional experience building scalable web applications using Vue.js, Node.js, and modern JavaScript technologies. Proven ability to develop RESTful APIs, implement database solutions with MongoDB and PostgreSQL, and create responsive, user-focused interfaces. Strong foundation in analytical problem-solving with a background in scientific research. Experienced in Agile development, code reviews, and cross-functional collaboration to deliver high-quality products.

TECHNICAL SKILLS

Frontend: Vue.js 3, Nuxt, JavaScript (ES6+), TypeScript, HTML5, CSS3, Sass, BootstrapVueNext, Pinia, Vue Router

Backend: Node.js, Express.js, RESTful API Development, Server-Side Routing

Databases: MongoDB, PostgreSQL

Tools & CMS: Strapi CMS, Git, GitHub, Vite, VS Code, Figma

Development Practices: Agile Methodology, Component-Based Development, Code Reviews, Responsive Design, Schema Validation, API Integration

PROFESSIONAL EXPERIENCE

Junior Software Engineer
Lighthouse-Eko Limited (LHEL)

September 2025 - October 2025
Lagos, Nigeria

- Developed and maintained full-stack web applications using Vue.js 3 frontend with Pinia state management and Node.js/Express backend.
- Designed and implemented RESTful APIs with Express.js, handling authentication, data validation, and integration with MongoDB and PostgreSQL databases.
- Built and optimized database schemas for both SQL and NoSQL solutions, ensuring efficient data storage and scalability.
- Integrated Strapi CMS for content management, enabling non-technical stakeholders to update website content independently.
- Collaborated in Agile sprints, code reviews, and cross-functional discussions to maintain code quality.

Software Engineering Intern
Lighthouse-Eko Limited (LHEL)

September 2024 - September 2025
Lagos, Nigeria

- Built and optimized e-commerce features using Vue.js 3 and Pinia for state management.
- Enhanced performance by 20% through debugging and code refactoring.
- Developed reusable UI components and responsive layouts with BootstrapVueNext.
- Reduced code redundancy by 30% through component-based architecture.
- Transitioned to Junior Engineer role upon successful internship completion.

Key Projects

Website-as-a-Service Platform

- Architected and developed reusable website boilerplate with comprehensive design system including typography, spacing, and component library
- Integrated Strapi headless CMS for backend content management, enabling clients to update website content without developer intervention
- Established design standards and style guide with custom Sass variables for consistent branding across multiple client deployments
- Created scalable template system allowing rapid website deployment for different businesses while maintaining code quality

Visitor Management System

- Contributed to a digital visitor management system replacing paper-based check-ins.
- Implemented visitor registration, tracking, and reporting dashboards.
- Deployed production-ready system serving educational institutions.

E-Commerce Platform

- Developed Vue 3 frontend with API integration for real-time product display.
- Optimized routing and UI components, reducing redundant code by 30%.

Full-Stack To-Do Application

- Developed full CRUD operations with REST APIs and schema validation.
- Integrated frontend and backend, tested with 200+ simulated users.

Education

Bachelor of Science in Medical Laboratory Science
Ambrose Alli University, Ekpoma

March 2024

References and additional work samples available upon request.