EMMANUEL EBUKA WILLIAMS

Full-Stack Software Engineer Lagos, Nigeria | +234 708 269 9508 |
emmanuelebukawilliams@gmail.com | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Detail-oriented Full-Stack Developer with extensive experience in designing, building, and maintaining **secure, high-availability web applications** using Laravel, Vue.js (Composition API), React, and MySQL. Proven expertise in implementing **mission-critical financial systems** including real-time trading engines, concurrency-safe transaction processing, and order-matching algorithms. Skilled in integrating WebSockets (Pusher) for real-time features and developing robust, scalable RESTful APIs. Adept at collaborating within engineering teams to deliver clean, well-documented, and production-ready code that meets enterprise standards.

TECHNICAL SKILLS

- **Languages:** PHP 8+, JavaScript (ES6+), SQL.

- **Frameworks:** Laravel (10–12), Vue 3 (Composition API), React, Inertia.js.

- **Frontend:** Tailwind CSS, Vite, Chart.js / Lightweight Charts.

- **Backend & Infrastructure:** MySQL (Schema Design & Transactions), REST APIs, Redis.

- **Real-Time:** Laravel Echo, Pusher, WebSocket Integration.

- **Tools:** Git/GitHub, Postman, Linux Terminal, npm/composer.

- **Professional Skills:** Agile/Scrum, Technical Documentation, Remote Collaboration, Analytical Problem Solving.

PROFESSIONAL EXPERIENCE

Full-Stack Software Engineer (Confidential Project) | 2023 – Present

(Note: Work performed under non-disclosure agreement)

- **Scalable Backend Architecture:** Optimized API performance and system scalability for a [Type of App, e.g., SaaS or Fintech] platform using Laravel and MySQL.

- **Secure Implementation:** Developed and maintained core system modules ensuring 100% data integrity and adherence to strict security protocols.

- **Remote Team Collaboration:** Contributed to a cross-functional international team, utilizing Git-flow and participating in rigorous peer code reviews.

Full-Stack Software Engineer (Freelance / Independent) | 2022 – 2023

- **End-to-End Development:** Managed the full SDLC for multiple clients, from initial database schema design to final production deployment.

- **Security & Auth:** Built robust Authentication and Role-Based Access Control (RBAC) systems to protect sensitive user data.

- **Deployment:** Managed production environments, including debugging and performance monitoring on live servers.

FEATURED PROJECTS

Limit-Order Trading Engine & Dashboard

- Developed a real-time matching engine using **Laravel Events** and **Pusher** for instantaneous order book updates.

- Implemented **atomic database transactions** to handle financial balance updates, preventing race conditions.

- Integrated **Inertia.js** with Vue 3 for a seamless SPA experience with a robust backend.

SomiStore – Enterprise E-Commerce Solution

- Engineered a high-performance e-commerce platform with mobile-first responsiveness.

- Developed an **Admin Management System** featuring complex CRUD operations and real-time inventory tracking.

- Optimized database queries to ensure sub-2-second page load speeds.

SamsanHub – Collaborative Web Platform

- Built a production-ready community platform using a modern PHP/ MySQL stack.

- Integrated **Axios** and **RESTful API** endpoints for smooth frontend-backend communication.

- Created reusable **Tailwind CSS** components to ensure design consistency and rapid development.

EDUCATION

- **Full Stack Web Development Certificate** | NIIT Pune

- **National Diploma (OND), Computer Science** Oko Polytechnic , Nigeria