

Nnajiofor Ralueke Miracle

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Education

Babcock University

Bachelor of Science (Hons) in Software Engineering,

Ilishan-Remo, Nigeria

Jan. 2022 – July 2025

Experience

Backend Developer (Freelance)

January 2024 – Present

Onsite & Remote

Nigeria

Built a full-stack web applications using Node.js, Express, MongoDB, and Vue.js, implementing RESTful APIs, secure authentication, and scalable backend architectures.

Designed and developed responsive frontends with Vue.js and Tailwind CSS, integrating dynamic UI components with backend services for seamless user interaction.

Handled deployments and server configurations on Vercel, Render, and GoDaddy, optimizing performance, environment setups, and production readiness.

Collaborated with teams to deliver maintainable, high-quality solutions on schedule, focusing on clean code, modular design, and efficient workflows.

Projects

Hospital Management System | MySQL, Php Storm, PHP, HTML, CSS

2024

Utilized Core PHP and MySQL to build a web-based Hospital Management System which automated the process of managing patients, appointments, staff, and medical records.

Implemented HTML and CSS for responsive user interfaces, which were made for the admin, doctor, and patient modules to provide easy navigation and a consistent user experience for all the roles.

Implemented role-based access control (RBAC) for feature-level permissions which allowed the functionalities to be secure and easy to use for admins (e.g., full access), doctors (e.g., diagnosis entry), and patients (e.g., appointment booking).

Secured Authentication and session management mechanisms were employed to protect the sensitive medical data and to make sure that only authorized users can access the features of the system that are set for their use.

Normalized a MySQL database schema that supported relational integrity among users, medical records, appointments, and treatments enabled the system to become scalable and data consistency to be maintained.

Implemented robust form validation and error handling throughout all modules to enhance data accuracy, prevent invalid entries and keep the system stable during user interaction.

Artisan E-commerce Platform | Node.js, MongoDB, React, JWT, Tailwind Css

2025

Developed a scalable full-stack e-commerce platform connecting artisans with employers and customers through personalized profiles, job matching, and real-time KPI tracking.

Designed a NoSQL schema using MongoDB to efficiently handle various data types including artisan profiles, job posts, feedback, and employer-customer interactions.

Implemented JWT-based authentication and bcrypt password hashing to ensure secure access across different user roles (artisan, customer, employer, admin).

Created dashboards with React and Tailwind CSS for dynamic, responsive interfaces that allow users to manage jobs, communicate, and track performance.

Built a KPI-driven admin dashboard using recharts displaying metrics like job success rates (85%), most in-demand skills, and artisan performance, driving platform optimization.

Used K6 to perform load testing, validating system stability under high concurrency with 100 virtual users and 3,000 requests in under 3.3 minutes.

Technical Skills

Languages: PHP, SQL, JavaScript, HTML/CSS

Frameworks & Libraries:

Node.js, Express.js, Tailwind CSS, Vue.js

Databases: MySQL, MongoDB

Developer Tools: Git, GitHub, Postman, VS Code, PHPStorm

Technologies: RESTful APIs, Node.js, Express.js, MongoDB, Mongoose, Vue.js, JWT Authentication, Session-based Authentication, Load Testing, API Testing with Postman

Cloud & DevOps: Linux (Basic), AWS (Basic), CI/CD Pipelines