OLAWALE EMMANUEL YAKUBU

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PROFILE

Results driven MERN Stack Developer with strong expertise in building modern, scalable web applications using MongoDB, Express.js, React.js, and Node.js. Proficient in developing full-stack solutions, integrating RESTful APIs, and delivering seamless user experiences. Passionate about writing clean, efficient code and continuously learning emerging technologies to solve complex problems. Proven ability to work collaboratively in agile teams and contribute to all phases of the software development lifecycle.

EDUCATION

BSc Physics, *University of Ilorin*, Ilorin, Nigeria   Jan. 2018 – Dec. 2022
GPA: 3.56/4.00   Top 2%
Relevant coursework: C programming (CSC 231), FORTRAN (CSC218), C++ & MATLAB (PHY416)

SKILLS

- **Front-End development:** HTML5, CSS3, JavaScript (ES6+), React.js, React, Context API, Next.js, TypeScript, Sass, Bootstrap, Tailwind CSS, Responsive Web Design, D3.js.
- **Back-End development:** Node.js, Express.js, Restful APIs, MongoDB, Mongoose, JWT Authentication, OAuth, API Security & Optimization, PHP, MySql.
- **Version Control and Tools:** Git, Github, Gitlab, CLI, VSCode, Postman, NPM.
- **Scripting & Automation:** Bash Scripting (basic), API Testing & Automation with Postman.
- **Testing & Debugging:** Jest, Mocha, Chai, React Testing Library, Chrome DevTools.
- **Deployment & DevOps:** Vercel, Render.
- **Soft skills:** Effective communication, Team Collaboration, Problem-Solving, Critical Thinking, Adaptability.

CERTIFICATIONS

- **Relational Database –** freeCodeCamp [*view*]   May 2025
- **Data Visualization –** freeCodeCamp [*view*]   Feb. 2025
- **Front End Development Libraries –** freeCodeCamp [*view*]   Jan. 2025
- **JavaScript Algorithms and Data Structures** - freeCodeCamp [*view*]   Sept. 2024
- **Responsive Web Design** - freeCodeCamp [*view*]   Aug. 2024
- **Google IT Support Professional Certificate** -Coursera [*view*]   July 2023
- **Google Data Analytics** -Coursera [*view*]   Mar. 2023

RELEVANT WORK EXPERIENCE

Frontend Developer (Intern), NerdzFactory Company, Lagos, Nigeria   Oct. 2024-Feb. 2025
- Collaborated with a team using Git to develop a React-based website, implementing core features like user profiles and posts.
- Gained a strong foundation in programming ethics, emphasizing code quality, maintainability, and professional practices.

RECENT PROJECTS

MERN Stack Fitness Tracker Application   [*view*]
A full-stack fitness tracker built with the MERN (MongoDB, Express.js, React.js, Node.js) stack. The application allows users to securely register, log in, and manage their personal workout routines with full CRUD functionalities. Integrated JWT-based authentication ensures user-specific data protection, while Context API and useReducer handle efficient state management on the frontend.
Key Features:

- **Authentication & Authorization:** Implemented secure JWT authentication, password hashing with Bcrypt, and route protection middleware.
- **Workout Management:** Users can create, read, update, and delete workouts with real-time UI updates and user-specific data management.
- **State Management:** Leveraged React's Context API and custom hooks for centralized global state and authentication flow.
- **Responsive & Modern UI:** Built a fully responsive, user-friendly interface using React and CSS3
- **RESTful API Development:** Designed RESTful endpoints using Express.js with MongoDB/Mongoose for robust data modeling and storage.
- **Development Tools & Practices:** Used Vite, Nodemon, ESLint, and Postman for efficient development, debugging, and code quality assurance.
- **Challenges Overcome:** Addressed CORS configuration, implemented secure API routes, and optimized global state management using custom hooks and useReducer.

Node.js Blog Application [view]

Developed a robust full-stack blog application using Node.js, Express.js, and MongoDB, following the MVC (Model-View-Controller) architecture for maintainability and scalability. The application offers a clean, responsive interface for both users and administrators, featuring secure authentication, content management, and search capabilities.

Key Features:
- View blog posts with pagination.
- Search functionality enabling users to search posts by title or content using regular expressions.
- Static informational pages including *About* and *Contact*.
- Secure JWT-based authentication with hashed passwords.
- CRUD operations for managing blog posts.
- User session management with **express-session** and **connect-mongo** for persistent sessions.
- Dashboard interface for efficient content management.

Nubi Wellness Center Landing Page [*view*]

Designed and developed a fully responsive, interactive landing page for a mental health service provider, focusing on user experience, accessibility, and performance. Key features include a responsive header with a collapsible menu, hero section with call-to-action, interactive sliders, service listings, doctor profiles with social links, appointment booking form, testimonials, and blog grid. The project demonstrates expertise in front-end development, responsive design, and the integration of interactive elements.

FOR ALL OTHER PROJECTS, CHECK MY CERTIFICATIONS, PORTFOLIO WEBSITE OR GITHUB REPOSITORIES.