Ogochukwu Madu

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Summary

Diligent and self-driven programmer with a strong passion for Information Technology. I am eager to contribute to a productive work environment by leveraging my 2 years of web development experience as well as continuing educational development in Information Technology.

Skills

HTML5, CSS3, JavaScript, Bootstrap, ReactJS, NextJS, Tailwind, Redux, Node.js, MongoDB, Git, GitHub, Leadership Development, Technical Writing, Communications

Professional Experience

Personal Projects

Fullstack Developer, Lagos

02/2024 - Present

- Developing a booking app that helps users locate and book venues for choice events
- Implemented sort functionality to help users filter locations based on user-friendly parameters
- Implemented third-party API (google map) to provide detailed descriptions of choice locations

Freelance Client

Freelance Web Developer, Lagos

10/2022 - 03/2024

- Developed a mini custom UI library that increased my productivity and code reuse.
- Integrated flutterwave payment API to facilitate payment for products on the e-commerce application
- Developed a digital wallet that can be funded for making payments on the e-commerce application
- Optimized database queries to improve application performance and reduce response times
- Developed a RESTful API to handle as many client requests as possible at the least response times possible
- Implemented email functionality using JavaScript (without needing a backend server) for easy communication between the clients and business owner
- Implemented blogging functionality using a headless CMS to help the website's owner publish engaging articles for users

Roware Limited

Frontend Developer, Lagos

02/2023 - 01/2024

- Implemented the user interface for a multi-level user educational management application using React and Redux which helped improve overall performance and usability
- Successfully translated a Figma design into a functional user interface for the client side for an exam preparatory application
- Developed an in-house Google form clone form with user validation that helped facilitate the collation of applicant data for an event using HTML, CSS, bootstrap and Vanilla Javascript.
- Utilized Git and Github to manage code changes and helped collaborate with other developers on the same project.

Coding Bootcamps

Entry Level Developer, Lagos

03/2022 - 12/2023

- Utilized HTML, CSS and Vanilla Javascript to implement dark and light modes as well as several theme colour features on a multi-page website to enrich the overall user experience
- Implemented a single-page application using React and Redux that improved overall performance and usability
- Ensured website responsiveness that is optimized for both desktop and mobile devices to increase user engagement
- Integrated third-party movie and crypto APIs to provide additional functionality and improve the overall user experience
- Utilized the useReducer hook for state management which helped to ensure that seat reservations made by users were available on checkout for the users to see.
- Employed AJAX and JSON technologies to create a seamless data exchange between the frontend and backend
- Developed industry-standard secure authentication system for data protection and privacy
- Optimized page load through the use of caching and minification techniques
- Developed unit tests to ensure code integrity and reduce the number of bugs found during production

Education

PGD Information Technology

National Open University of Nigeria, Abuja
01/2025
Currently ongoing

B.Sc Building

Obafemi Awolowo University, Ile-Ife
08/2017

Certificates

Meta Frontend Developer Professional, Nigerian Institute of Management Chartered

Languages

English, Igbo, Yoruba

Interests

- Education
- Technology
- Blockchain
- Reading
- Writing
- E-commerce