OGBONNA BLESSED

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EXPERIENCE

Programmify Ltd
Lagos, Nigeria
Frontend Developer Intern   (Remote)
July, 2024 – November, 2024

- Engineered and deployed four scalable web applications, leveraging modern frontend technologies to deliver high-performance, user-centric solutions, reducing page load times by 40% and improving user engagement.
- Spearheaded the frontend development of Echelon, a MERN stack fashion eCommerce platform, applying a design-first methodology to ensure a seamless shopping experience. Which secured first place among all team submissions and achieved a 30% higher user retention rate compared to other team projects.
- Collaborated cross-functionally with UI/UX designers, backend engineers, and product stakeholders to optimize API consumption, state management, and component-driven architecture, resulting in a 25% improvement in frontend efficiency and API response consistency.
- Enhanced application performance by minimizing unnecessary re-renders, optimizing MongoDB queries, and implementing efficient caching strategies, which cut down load times by 45% and significantly boosted overall system responsiveness.
- Led code reviews, debugging sessions, and performance optimizations, ensuring clean, maintainable, and scalable codebases — reducing technical debt by 40% and improving development speed.

EDUCATION

CWW Tech Africa
Lagos, Nigeria
Frontend Development
August, 2023 - October, 2023

- **Concentrations:** HTML, CSS, JavaScript
- **GPA:** Very Good

Lagos State University
Lagos, Nigeria
BSc Computer Science
Expected Graduation, September 2028

- **Concentrations:** Intelligence and Modeling/Simulations
- **CGPA:** 4.2 / 5
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

PROJECTS

Velora
October, 2024 – January, 2025

- Built a full-stack travel platform with the MERN stack (MongoDB, Express.js, React.js, Node.js), enabling seamless flight, hotel, and car rental bookings. Integrated Amadeus test API, optimizing search and increasing booking conversion rates by 35%.

- Implemented two-factor authentication (2FA) for secure access and Nodemailer for real-time email notifications, ensuring a 100% email delivery rate for booking confirmations and account updates.
- Integrated Framer Motion animations, leading to a 40% increase in user interaction, making the booking process more intuitive and engaging.

Ace Tech Academia

January, 2025 - March, 2025

- Developed a Next.js, TypeScript, and Redux Toolkit-based LMS, enhancing online learning. Integrated Tailwind CSS, Shadcn, and Framer Motion, boosting user interaction by 45% through intuitive design and animations.
- Built a serverless architecture with Node.js, Express.js, and Docker, deployed on AWS Lambda with API Gateway, reducing server costs by 30% while ensuring fast, scalable performance.
- Implemented Clerk for authentication, Stripe for payments, and DynamoDB for database management, achieving 100% transaction accuracy and reducing load times by 20% for 500+ active users.

SKILLS

Languages: JavaScript, TypeScript

Technologies: React.js, Node.js, Express.js, Firebase, AWS, MongoDB, PostgreSQL, Git & Github, DynamoDB, Docker, Next.js, Bootstrap, TailwindCSS, and Saas

Certificates

Programmify Ltd
Frontend Developer Intern 📁

CWW Tech Africa
Frontend Development 📁