

EMMANUEL OMUNIZUA - FRONTEND & MOBILE APP ENGINEER

[portfolio](#) | [GitHub](#) | [linked in](#) | emmanuelomunizua@gmail.com

Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS

Frontend: React.js, Next.js, React Native (Expo, NativeWind), jQuery, Redux, Context API, React Hooks, Bootstrap, Tailwind CSS, Chakra UI, Materialize

Backend: Node.js, Express.js

Databases: MongoDB, Firebase

Cloud & DevOps: Firebase, Supabase, Google Cloud, GitHub Actions, Expo EAS, Vercel, Netlify, Render

Testing & Quality: Unit, Integration, E2E, Functional Testing, Static Code Analysis, Jest

Tools & Practices: Git, GitHub, Swagger, Postman, Insomnia, Clean Architecture, Microservices

Work Experience

Freelance Frontend & Mobile Developer | Self-Employed - Remote

May 2025 - Present

- Developed React Native applications for multiple clients, focusing on e-commerce and content management solutions
- Implemented Redux state management and API integrations, reducing data loading times by an average of 2-3 seconds
- Built responsive web applications using React and TypeScript, maintaining 95% cross-browser compatibility
- Managed project timelines and client communication, delivering all projects within agreed deadlines

Frontend Developer | Vorbtech Innovative Solutions — Remote, Nigeria

Dec 2024 – May 2025

- Improved web application performance by optimizing bundling, implementing lazy loading, and applying responsive design, reducing page load times by **15%** and lowering bounce rates.
- Increased engagement by **15%** by building dynamic, interactive UIs with modern React libraries, which also improved click-through rates.
- Enhanced project delivery by introducing Agile workflows and promoting cross-team collaboration, ensuring on-time completion and higher client satisfaction.
- Strengthened mobile usability through mobile-first responsive design with CSS Grid and Flexbox, reducing mobile bounce rates by 30% and boosting conversions.
- Reduced maintenance costs by implementing code reviews, automated testing, and best practices, leading to fewer bug reports and minimized post-deployment fixes.

Mobile Development Intern | Uleval Technology — Hybrid, Lagos, Nigeria

June 2024– Dec 2024

- Reduced video streaming latency from **10+ seconds to under 2 seconds** by implementing React Native caching and compression, which increased user retention.
- Scaled backend infrastructure by integrating Appwrite for authentication, real-time data, and cloud storage, supporting 1,000+ sign-ups in the first month with 80%+ uptime.
- Enhanced UX with pull-to-refresh and smooth transitions, increasing session duration by 20% and daily active users by 25%.
- Improved content discovery by building real-time search, filters, and recommendation functionality, leading to a 50% improvement in discovery success and a 40% boost in views.

Project Experience

TasteHub — Food Ordering & Delivery System (MERN Stack)

- Built full-stack platform processing 50+ daily orders with 30+ concurrent users.
- Vendor dashboard with real-time analytics improved management efficiency.
- Integrated real time status updates for delivery status.
- Explored GraphQL (Apollo Client) for querying data in admin dashboard.

EventWave — Event Ticketing Platform (MERN Stack)

- Scalable ticketing platform handling 100+ concurrent sessions.
- Integrated paystack payments with secure checkout flow.
- Built admin dashboard for event management and sales tracking.

Alora — Video Sharing Mobile App (React Native + Appwrite)

- Built video sharing app with user authentication and real-time features
- Implemented search functionality with content filtering and recommendations.
- Created an intuitive upload interface with video compression and storage.
- Integrated push notifications (Firebase Cloud Messaging) for engagement alerts.

Chatty — Real-Time Chat Application (React Native + Socket.io)

- Developed real time messaging with instant delivery.
- Implemented user sign up and authentication system with OTP functionality.
- Built responsive UI with chat history and online status indicator.
- Managed chat state with Redux and Context API.
- Wrote Jest tests for core chat components to improve reliability.

Education

Caritas University

Bachelor of Science in Computer Engineering, 2025