

OLUSEYI MAYOTOMIWA

Software Engineer (Web Mobile & Desktop Systems)

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• Lagos, Nigeria

Summary

A software engineer with years of experience designing and building high-performance web applications using React.js, React Native, NodeJS, NestJS, TypeScript, and JavaScript for various platforms. Expert in identifying bottlenecks, fixing bugs, and ensuring application performance, quality, and responsiveness across 50,000+ users. Proven ability to collaborate with engineering and design teams to translate end-user requirements into pragmatic technical solutions while maintaining code quality, organization, and automation. Successfully delivered complex projects on schedule in rapidly growing fintech companies.

Key Achievements

User Growth Boost

Improved daily active users by 30% through feature enhancements and performance optimizations.

Enhanced Test Coverage

Achieved 85% test coverage, reducing production defects by 40% and increasing application reliability.

Performance Enhancement

Reduced page load time by 63% with server-side rendering and image optimizations.

Security Excellence

Secured 50,000+ users with zero incidents by designing robust authentication systems with JWT.

Experience

Bankit Africa

Lagos, Nigeria

Full Stack Engineer

03/2025 - Present

- Architected and shipped a React native application increasing daily active users by 10% and user ratings from 3.4 to 4.0.
- Revamped the entire funds transfer flow, reducing transaction completion time by 45% and significantly improving user satisfaction and conversion rates.
- Built and optimized core digital banking modules, including secure onboarding, transaction history, smart budgeting tools, and dashboard analytics.
- Designed dynamic, data-driven UI screens fully adaptable to admin-driven configurations and real-time data feeds.
- Implemented real-time transaction updates and state synchronization using WebSockets, Redux Toolkit, and RTK Query with intelligent caching strategies.
- Integrated AWS Amplify, S3, and Lambda (serverless functions) to power identity verification, document uploads, and liveness detection workflows.
- Strengthened app security architecture through advanced token/session management, secure storage, and multi-layer authentication.
- Reduced app load times by 50% and improved crash recovery by 30% leveraging Crashlytics, code-splitting, and lazy-loading optimizations.
- Developed a modular notification system supporting in-app and push alerts with contextual actions and error handling.
- Reduced page load time by 31% using code splitting and bundle optimization, enhancing performance.
- Maintained 99.8% uptime with error monitoring tools, cutting mean-time-to-resolution from 48 hours to 6 hours.
- Boosted mobile transaction rates by 25% through mobile-first responsive design.
- Established testing framework achieving 85% coverage, reducing bugs by 40%.
- Streamlined deployments via CI/CD pipelines, halving deployment time to 2 hours.
- Implemented robust API integrations, supporting 50,000+ monthly users with error handling and retry logic.
- Built reusable TypeScript components, speeding feature delivery by 40%.

Univa Studio

Lagos, Nigeria

Technical Lead

09/2024 - 03/2025

- Led frontend development of Skyboard, a gaming application enabling real-time gameplay, chat, staking, and tournament organization.
- Architected modular frontend systems with React and React Native for web and mobile.
- Integrated real-time sockets for chat, gameplay synchronization, and betting flows.
- Collaborated with backend engineers for secure payment handling and fraud protection.
- Implemented responsive UI/UX, improving user engagement and retention.
- Reduced in-game lag by 40% through optimized rendering and state updates.
- Mentored junior developers in TypeScript, state management, and clean architecture.

Tech Champions

Lagos, Nigeria

Lead Frontend Developer

07/2024 - 02/2025

- Led and delivered multiple projects from concept to deployment.
- Mr. & Mrs. Real – Dating app scaled to 7,000+ users in 2 months, featuring dynamic onboarding, real-time sockets, and secure identity verification.
- WashTrack – Laundry management app for fee collection, cloth tracking, and employee management.
- Architected responsive, cross-platform solutions with React.js, React Native, and TypeScript.
- Integrated RESTful APIs and GraphQL for seamless data flow.
- Conducted code reviews, mentored engineers, and enforced modular architecture principles.
- Enhanced app reliability and security with token management, route protection, and state handling.

Experience

Mocubes

Software Developer

Lagos, Nigeria

02/2022 - 07/2024

- Developed a React.js portal for 15,000+ users, reducing customer service load by 40%
- Improved legacy codebase, boosting page responsiveness and reducing bounce rate by 28%
- Maintained 80%+ test coverage with Jest and React Testing Library
- Reduced JavaScript bundle size by 40% through optimization
- Integrated 12 third-party APIs, achieving 99.7% uptime
- Deployed apps using Docker and AWS for optimal delivery

Mocubes

Junior Frontend Developer

Lagos, Nigeria

02/2021 - 02/2022

- Built responsive web applications using JavaScript, HTML5, and CSS3 with cross-browser compatibility and mobile responsiveness
- Collaborated with backend developers to integrate REST APIs and ensure seamless data flow between frontend and backend services
- Worked with Git version control for code management, participating in pull requests and code reviews
- Refactored legacy jQuery codebase to modern React.js components, reducing technical debt and improving maintainability

Education

Adekunle Ajasin University

Ondo State, Nigeria

Bachelor of Science in Computer Science

2016 - 2020

- Relevant Coursework: Algorithms, Data Structures, Web Development, Software Engineering, Database Systems

Training / Courses

Meta Frontend Developer Professional Certificate — Meta