

Taiwo Hammed

Software Engineer

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WORK EXPERIENCE

WorkflowsHR

Software Engineer

Lagos, Nigeria

Jun. 2024 - Present

- Built and scaled an HR analytics dashboard using React, TypeScript, Next Js, and optimized state management, cutting data load times by **45%** and enabling **1,000+ employees** to access real-time insights with no downtime.
- Reworked the application into a clean, modular component architecture, improving developer onboarding efficiency, reducing workflow steps by **30%**, and lowering frontend bugs by **25%** across releases.
- Developed a secure in-app payroll and wallet interface, integrating REST APIs, caching, and form validation to reduce transaction latency by **50%** and raise user satisfaction by **30%**. By shifting from costly per-transaction card/bank charges to a single wallet-funding fee, payroll processing costs dropped by over **60%** for multi-employee payments.
- Created a reusable UI component library with TypeScript, WCAG-aligned accessibility, code-splitting, and memoization, improving page performance scores (Lighthouse/Web Vitals) by **40%** and accelerating feature delivery by **35%**.
- Set up automated testing and CI/CD pipelines with Jest, React Testing Library, and GitHub Actions, cutting regression bugs by **40%** and enabling consistent weekly production deployments.

MinieMoney

Software Engineer

London, United Kingdom

Nov. 2024 - Jan 2025

- Redesigned and rebuilt landing pages for Flex Fees and MinieLink using Next.js, React, and Tailwind CSS, improving page speed and clarity of messaging. These updates increased conversion rates by **35%**, based on A/B test results.
- Developed a digital gifting module that enabled users to send gift cards through a simple, responsive flow, driving a **25% increase** in feature adoption within the first release cycle.
- Improved UI rendering and asset delivery by introducing code-splitting, image optimization, and caching strategies, boosting Lighthouse/Web Vitals performance scores by **40%** across key pages.
- Worked closely with backend and product teams to align component patterns, API responses, and error states, ensuring consistent design tokens and fully responsive layouts across mobile and desktop.

Proxchange Technologies Limited (PREX)

Software Engineer

Lagos, Nigeria

Jul. 2023 - Aug. 2024

- Led the frontend development and UI architecture for a property listing platform, improving the listing flow and page performance. These updates made the process easier for users and contributed to a **40% increase** in property uploads and a **20% rise** in new users within 9 months.
- Built a user-friendly booking portal for land registry appointments, simplifying document submission with guided forms, validation, and responsive layouts, supporting the state's digital transition and improving document security by **30%**.
- Designed and implemented an insights dashboard that gave property owners clear, real-time data on their assets. The improved visibility and usability helped push the platform's user retention rate to **70%+**.

- Developed the frontend for a government land registry system, including earnings tracking, property record views, and automated reminders. These improvements supported a **90% increase** in payment compliance, cut manual errors by **25%**, and improved communication between citizens and government departments.

Stallet

Software Engineer

Lagos, Nigeria

Aug. 2022 - Apr. 2023

- Designed and launched a high-converting waitlist page ahead of the full product release, driving early traction and capturing **500+ verified email sign-ups** within the first rollout.
- Optimized the application's performance, including minimizing load times, making the web app responsive, and implementing efficient data retrieval and storage methods.
- Integrated Firebase services to store and manage customer data securely, ensuring data accuracy and reliability through structured API calls and client-side validation.
- Deployed the waitlist application to a custom domain using Netlify, ensuring fast global delivery, automatic HTTPS, and scalable hosting without downtime during traffic spikes.

EDUCATION

University of Lagos

Bachelor of Science in Electrical/Electronics Engineering

Lagos, Nigeria

Oct. 2016 - Nov. 2024

- Electrical/Electronics Engineering. Graduated with Second Class.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript (ES6+), TypeScript, React.js, Next.js, Redux, Node.js, Express.js, GraphQL, REST APIs, HTML5, CSS3, Sass, Tailwind CSS

Testing & CI/CD: Jest, React Testing Library, GitHub Actions

Databases & Tools: PostgreSQL, MongoDB, Firebase, Docker, Postman, Git, GitHub, Vite/Webpack

Frontend Performance & UX: WCAG accessibility, code-splitting, lazy loading, Lighthouse/Web Vitals, responsive design

Animation & UI: Framer Motion, GSAP