Ayobami Tunwase

+234 8169584645 | ayobami.tunwase@gmail.com | LinkedIn | Github | Website

EDUCATION

University of Lagos Expected Mar 2027
Bachelor of Science (B.Sc.), Computer Engineering (CGPA: 4.73/5.0) Lagos, Nigeria
Relevant Coursework: Data Structures and Algorithms, Software Engineering, Computer Networks, Machine Learning, Systems Programming, Database Management.

Altschool Africa Mar 2026
Diploma, Cybersecurity (CGPA: 4.0/4.0) Remote
Relevant Coursework: Network Security, Endpoint Security, Security Operations Center (SOC)

WORK EXPERIENCE

Frontend Web Developer Sep 2026 – Present
Cyberdata Foundation Remote

- Developed and maintained responsive web interfaces using React.js, Typescript, and Tailwind CSS, improving page load speed by ~30% and accessibility for 500+ active users.
- Enhanced frontend security and performance by implementing Zod for input validation and Shadcn UI for lightweight components, reducing cross-site scripting (XSS) risk by 70% and decreasing codebase size by 25%.

Information Technology Intern Apr 2025 – Oct 2025
MTN Nigeria Lagos, NG

- Led a 3-member frontend team to build a scalable user interface with Next.js, Tailwind CSS, and Tanstack Query, optimizing data fetching and overall responsiveness.
- Collaborated with a 23-member cross-functional software engineering team to design, develop and deploy an intern onboarding platform that earned executive approval from the acting CIO.

PROJECTS

SmartKey | Next.js, Supabase, Tanstack Query Sep 2026

- Architected the frontend for 4 role-specific dashboards in an AI-powered access control system using Next.js, TypeScript, and Supabase Realtime, delivering real-time state updates via WebSocket subscriptions across 20+ screens to reduce manual polling and page refreshes.
- Optimized frontend rendering performance across 6 key pages using Next.js SSR, achieving a 1.27s average Largest Contentful Paint against a 2.5s target and a 93.3% average Lighthouse score, while maintaining Cumulative Layout Shift at 0.011 against a 0.1 target.

FX Checker | Next.js, Zustand, Tanstack Query Jul 2026

- Developed a foreign exchange currency converter in Next.js and TypeScript, leveraging Tanstack Query to cache live European Central Bank (ECB) financial data for 165 currencies and drastically reduce API latency.
- Architected seamless state synchronization between local storage and URL parameters utilizing Zustand and nuqs, optimizing Recharts rendering performance to display multi-year historical trends without UI blocking.

Tweetteer | React.js, Styled Components, MongoDB, Express Jun 2022

- Delivered a full-stack MERN social media replica serving 100+ registered users, structuring the React frontend across 31+ components with nested dynamic routing and Context API for state management.
- Engineered a fully functional social media REST API with 15+ endpoints spanning tweet management and user authentication, replicating core Twitter functionality for a decoupled frontend deployed on Netlify.

TECHNICAL SKILLS

Languages | TypeScript, JavaScript, Python, SQL (Postgres), HTML/CSS
Frameworks | Next.js, React.js, Express, Node.js, Tailwind CSS
Infrastructure & Tools | Linux, Git, MySQL, MongoDB