

Muhammed Abiodun Mustapha

Full-Stack Software Engineer | React | Next.js | Node.js | React Native

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PROFESSIONAL SUMMARY

Full-stack software engineer building web and mobile products with React, Next.js, React Native, Node.js, REST APIs, realtime workflows, and database-backed systems. Experienced in shipping product-facing interfaces, admin dashboards, authentication flows, API integrations, role-based access control, PWA features, and deployment-ready applications. Strongest work includes full product ecosystems across campus mobility, digital elections, health-tech guidance, attendance verification, and service operations.

EDUCATION

Bowen University

B.Sc. Computer Science — CGPA: 4.18/5.00

Oct. 2022 – Present

Nigeria

- First runner-up in TechHub Frontend Hackathon with 20+ students.
- Relevant courses: Data Structures, Web Technologies, Algorithms, Computer Architecture.

WORK EXPERIENCE

Full-Stack Software Developer

Omegtric Technologies Limited

Feb. 2026 – Present

Remote, Nigeria

- Develop and maintain full-stack web application features across responsive frontends, REST APIs, server-side logic, and database-backed workflows.
- Build user-facing interfaces with modern JavaScript frameworks and connect them to backend services with validation, loading states, error handling, and authentication-aware requests.
- Support backend and data-layer development across Node.js, Python/Java service contexts, SQL/PostgreSQL, and MongoDB, with attention to performance, security, scalability, and data integrity.

Frontend Engineer Intern, Level 5

HNG Internship

Jun. 2024 – Aug. 2024

Remote

- Delivered responsive product features using TypeScript, React, Vite, and Tailwind CSS under structured review cycles and delivery deadlines.
- Built reusable UI components, polished interface states, and consistent user flows for a language-learning product experience.
- Collaborated with design and engineering contributors to translate product requirements into functional frontend features.

PROJECTS

UniRide – Campus Ride-Hailing Platform

React Native, Expo, Next.js, Node.js, Socket.IO, TypeScript

[UniRide Solutions](#) | [Play Store](#)

Links: [Mobile Repo](#) | [Web Repo](#) | [API Docs](#)

- Sole-built a campus ride-hailing ecosystem covering rider and driver mobile flows, admin operations, bookings, support workflows, notifications, platform settings, and backend API operations.
- Implemented role-based routes, guarded admin screens, driver approval workflows, device/session controls, realtime Socket.IO ride updates, map behavior settings, and Swagger-documented API endpoints.
- Built the product for discoverability under “UniRide Solutions” on Google, with public product pages, mobile access, and operational web tooling.

Univote – Multi-Tenant Digital Election Platform

Next.js, TypeScript, React Query, Tailwind CSS, Cloudinary

[Univote Online](#)

Links: [Web Repo](#) | [API Docs](#)

- Built a multi-tenant campus election platform covering public product pages, university workspace applications, onboarding status tracking, student election journeys, and admin operations.
- Developed tenant-aware dashboards, protected student routes, election-session visibility, announcement and support surfaces, responsive layouts, and PWA bootstrapping for student-device usability.
- Integrated frontend workflows for secure voter onboarding, approved-location participation, biometric verification support, media uploads, API-driven state management, and real-time election operations.

- Added public product discoverability under “Univote Online” on Google, supporting clearer platform positioning for institutions researching digital election systems.

Gluvia AI – Diabetic Meal Guidance App and Admin Dashboard

[Play Store](#)

React Native, Expo, Next.js, SQLite, SecureStore

Links: [Mobile Repo](#) | [Admin Repo](#) | [API](#)

- Built an offline-first mobile app for diabetic meal guidance with onboarding, JWT authentication, SecureStore token handling, SQLite meal/glucose tracking, and network-aware sync.
- Created a Next.js admin dashboard for food management, dietary rule templates, audit logs, protected routes, token-based authentication, and backend-integrated operational screens.
- Designed the system around practical health-tracking workflows, including local data persistence, secure re-entry, and admin-managed meal guidance rules.

UniTrack – GPS-Verified Attendance Platform

[Live](#)

Next.js, React, TypeScript, Tailwind CSS, Leaflet

Links: [Web Repo](#)

- Built a GPS-verified attendance platform with configurable radius validation, interactive maps, mobile-first check-in flows, and class/session management.
- Added fraud-reduction signals, reporting views, and audit-ready attendance history to help instructors and administrators verify student participation.

AutoFix – Auto Repair Service Platform

[Live](#)

ASP.NET Core, C#, MongoDB, Bootstrap

Links: [Web Repo](#)

- Built a multi-role auto-repair service platform connecting clients with mechanics through request creation, mechanic acceptance, completion tracking, and status updates.
- Designed MongoDB-backed data models, implemented responsive service workflows, and deployed the application to Azure App Service.

LEADERSHIP & VOLUNTEERING

Frontend Engineer

Oct. 2024 – Present

Bowen Tech Hub

Remote

- Built and shipped the NACOS web interface, including modules for newsletters, past questions, executive information, and campus updates.
- Integrated API-driven content flows to improve student access to academic resources and campus information.
- Worked with stakeholders to improve page responsiveness, content discoverability, and reliability across student-facing experiences.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C#, Python, HTML5, CSS3

Frontend: React, Next.js, React Native, Expo, Tailwind CSS, shadcn/ui, Radix UI, Bootstrap, Leaflet

Backend: Node.js, Express.js, REST APIs, Socket.IO, ASP.NET Core, Swagger/OpenAPI, JWT Authentication

Data / Tools: PostgreSQL, SQL, MongoDB, SQLite, Firebase, Cloudinary, Git, GitHub, Axios, React Query, Zustand, Vercel, Azure, Render, Expo EAS