

BABATUNDE AJAGBE

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Profile Summary

I am a Software Engineer with experience building modern web and mobile applications using React.js, Next.js, React Native, TypeScript, JavaScript, Tailwind CSS, and Firebase. Experienced in developing responsive websites, cross-platform mobile applications, and AI-powered products while collaborating with distributed teams using Agile methodologies and Git workflows. I am passionate about creating accessible, high-performance user experiences and translating business requirements into clean, maintainable code. I have proven my ability to deliver production-ready applications including AI-powered platforms, event management systems, and corporate websites.

Skills and Abilities

Languages & Frameworks: , JavaScript(ES6+), Typescript, React Js, Next Js, React Native, Expo, HTML5, CSS3, Tailwind CSS

Tools & Practices: Git, GitHub, Gitflow, Figma, Vs Code, Trello, Agile/Scrum, remote and async collaboration, mobile-first and responsive design, performance optimization, SEO

Backend & Data: Firebase (Auth, Firestore), MongoDB, Supabase, REST APIs, Gemini API integration.

Research Interest: AI in Tech & Education, Computer Science, Programming, Prompt Engineering, and Tech Ethics and Sustainability.

Experiences

Frontend & Mobile Engineer | NISSTECH, Lagos Nigeria | February 2025

Tech: React.js, Next.js, React Native, TypeScript, JavaScript, Firebase, Git, GitHub, Tailwind CSS

- Shipped responsive web applications in React.js, Next.js, and Tailwind CSS, reducing UI inconsistencies across desktop and mobile through a shared component library.
- Built and released a cross-platform journaling mobile app (iOS & Android) in React Native using reusable, platform-consistent components, cutting duplicate UI code across platforms.
- Implemented secure authentication and role-based access control, closing gaps in user session management and improving app security posture.
- Worked with a distributed, cross-functional team to translate business requirements into shippable features, using Git-based code review and Agile sprints to maintain delivery cadence.

Web Designer | NAVIGATING WITH NOEL, Lagos Nigeria | JULY 2025

Tech: HTML5, CSS3, JavaScript, WordPress, Elementor

- Rebuilt the organization's website from WordPress to a custom HTML/CSS/JavaScript build, improving page load speed and eliminating plugin-related maintenance overhead.
- Redesigned navigation and layout to improve usability and accessibility across devices.
- Partnered directly with stakeholders to ship content and branding updates on tight turnarounds.

Frontend Developer | Tedx Lead City University, Ibadan Nigeria | Jan 2025

Tech: React js, Next js, Typescript, Javascript, HTML5, CSS3

- Built the official event website for TEDx Open Mic and Main Event, enabling online ticket sales and reducing manual registration handling.
- Developed an admin dashboard with real-time analytics, giving organizers live visibility into registrations and attendance.
- Implemented SEO and performance optimizations that improved search visibility ahead of the event.

Graphics and Multimedia | Maryland Publishing and Research institute (MPRI JOURNALS), Maryland USA | Feb 2023

- Produced visual assets for YouTube, social media, and digital publications that increased audience engagement across platforms.
- Collaborated remotely with researchers and editors to translate complex research findings into clear visuals.
- Maintained consistent brand identity across all published materials.

Key Projects

Achievo — AI-Powered Goal Setting Platform

Tech: React.js, Firebase, Gemini API, Tailwind CSS, Chart.js

Achievo is an AI-powered goal management platform that enables users to create, organize, and track personal and professional goals through an intuitive dashboard. The platform features an intelligent AI assistant powered by the Gemini API that helps users break down complex goals into manageable tasks, set realistic deadlines, generate personalized recommendations, and monitor progress efficiently. Built with React.js, Firebase, and Tailwind CSS, Achievo also includes SMART goal validation, progress analytics, and reminder notifications, providing users with a seamless and engaging productivity experience.

Journaling With Joy — Cross-Platform Mobile App

Tech: React Native, Firebase, JavaScript

Journaling With Joy is a cross-platform mobile application built with React Native that provides Christians with a dedicated space to document prayers, testimonies, daily reflections, Bible study notes, and personal spiritual growth. The application features secure authentication and cloud-based data storage, ensuring users can safely access their journal entries across devices. Designed with simplicity and accessibility in mind, the app delivers a clean, intuitive interface that encourages consistent journaling and spiritual reflection.

TEDx LeadCity University Event Platform

Tech: Next.js, React.js, TypeScript, JavaScript

The TEDx LeadCity University Event Platform is a modern web application developed to simplify event management and enhance the attendee experience. The platform allows visitors to access event information, explore speaker profiles, purchase tickets seamlessly, and stay updated with event schedules. It also features an administrative dashboard that enables organizers to manage registrations, monitor attendance, access real-time analytics, and optimize website visibility through SEO best practices, ensuring a fast, accessible, and user-friendly experience across all devices.

Andalusia Corporate Website

Tech: Next.js, TypeScript, Tailwind CSS

The Andalusia Corporate Website is a modern, responsive landing page developed for a family office company to establish a strong digital presence and effectively communicate its services and values. Built using Next.js and Tailwind CSS, the website features a clean, professional interface with responsive layouts, intuitive navigation, and performance-focused design, providing prospective clients with a seamless browsing experience across desktop and mobile devices.

References

Available upon request.