ADEYINKA AKINSANYA

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EDUCATION

B.Sc (First Class Honours) Computer Science, Covenant University 2025
Relevant Coursework: C/C++, Java, Python, Systems Analysis & Design, Data Structures & Algorithms, Digital Electronics, Interface Design, Database Design and Management, Artificial Intelligence.

TECHNICAL SKILLS

Intermediate Proficiency React, TypeScript, JavaScript, Next.js, Tailwind CSS, ShadCN, HTML, CSS, Git/GitHub, Framer Motion, Redux Toolkit, React Query.
Beginner Proficiency Express.js, PostgreSQL, MongoDB/Mongoose, Python, Flask.

WORK EXPERIENCE

Frontend Engineer March 2024 — *till date*
Brillare Inc. *Lagos, Nigeria*

- Brillare Inc.: Engineered and deployed the company's official website, achieving a 100% responsive design and implementing SEO best practices, which boosted organic search visibility by 35% and improved average session duration
- Unoye: Designed and implemented the frontend for a finance platform enabling businesses to manage fund disbursements across categories (expenses, salaries, reimbursements), and developed the official platform website, reducing administrative overhead by 25% and improving brand visibility.
- MyNamely: Developed the frontend for a platform that allows employees to record and share correct name pronunciations, and created the official platform website.

Frontend Engineer March 2024 — December 2025
Ohmsflex *Lagos, Nigeria*

- Implemented a monthly filtering feature, cutting product request search and analysis time by over 40%, improving decision-making speed.
- Redesigned the request handling system to support bulk product requests, increasing large-order processing efficiency by 60% and reducing manual workload.

Frontend Engineering Intern March 2024 — August 2024
P2Vest *Lagos, Nigeria*

- Built the frontend of an internal reporting tool for data analysis using React and Material Tailwind, enabling the analytics team to generate reports 50% faster and improve insight accuracy.

PROJECTS

AdaptLearn June 2025

- Developed a cutting-edge adaptive testing web platform using Next.js, TypeScript, Tailwind CSS, ShadCN, React Hook Form, and Framer Motion for a responsive and highly interactive user experience.
- Engineered seamless frontend-to-backend integration, coupling a Next.js + Express + TypeScript backend with MongoDB/Mongoose, enabling real-time ability estimation and performance tracking.
- Implemented a backend AI model using Python and Flask, incorporating the CAT-IRT model to dynamically adjust question difficulty based on learner performance.
- Delivered targeted assessments covering key data structures—including arrays, linked lists, trees, and graphs—with real-time visual analytics illustrating learners' ability progression.

DevLinks July 2024

- Built a web application that enables developers to aggregate and share their professional profiles (e.g., Hashnode, GitHub, LinkedIn) through a single customizable public page.
- Designed the frontend with Next.js and Tailwind CSS, creating a clean, responsive, and user-friendly interface optimized for both desktop and mobile.
- Integrated Firebase authentication and Firestore Database to support secure login, persistent data storage, and profile image uploads.
- Delivered a seamless user experience that allows developers to quickly generate a professional public profile displaying their name, profile picture, email, and social links, simplifying networking and personal branding.

Hebron Bites July 2024

- Pioneered the complete rewrite of the website from PHP to Next.js, achieving faster page load times, improved SEO, and an enhanced user interface and navigation flow, resulting in a 35% increase in on-site engagement.
- Optimized the food ordering experience with a streamlined checkout process, reducing cart abandonment rates by over 40%.
- Designed and developed the official Hebron Bites Telegram bot, enabling students to order food directly within Telegram. This solution improved accessibility for users with poor campus internet speeds.
- Increased overall customer traffic and orders by over 80% through the adoption of the Telegram bot as the preferred ordering channel, praised for its speed, simplicity, and ease of navigation.