KEHINDE GIWA

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EDUCATION/CERTIFICATIONS

University of Lagos   Lagos, Nigeria
Bachelor of Science, Computer Science
GPA: 4.31/5.0
Relevant Courses: Data Structures and Algorithms, Automata Theory, Operating Systems, System Design, Networking, Calculus, Mathematics.

SKILLS

Programming Languages: Python, JavaScript, Typescript, C#.

Tools: PostgreSQL, MongoDB, SQL, Git, Firebase, SupaBase.

Technical Skills: Data Structures and Algorithms.

Frontend: React.js, Next.js, Tailwind CSS Styled Components, Redux, React Query.

Backend: Node.js, Express.js.

EXPERIENCE

Frontend Engineer Intern
WILD FUSION DIGITAL, Nigeria.   OCTOBER 2025 – DECEMBER 2025
- Engineered the authentication system using **Next.js**, **Firebase Auth**, and **Google Sign-In**, including custom `AuthContext` and `UserDataContext` for centralized session management.
- Streamlined the onboarding workflow by converting a 5-step multi-page form into a single-page experience using **React Hook Form**, improving maintainability and developer efficiency.
- Programmed the assessment module, handling question rendering, validation, scoring logic, and routing to the 1-page **Basic Report** that recommends learning tracks.
- Devised the **Advanced Report** feature, sending assessment results to the **Gemini API** with enforced schema to generate structured, personalized recommendations.
- Integrated **Paystack** into the portal to manage tier upgrades, unlocking premium reports and AI advisory features based on user access levels.
- Embedded the **VAPI voice advisory widget** for Tier 2 users, enabling AI-guided advisory sessions.
- Constructed a lightweight review dialog that prompts users for feedback after Tier 2 actions, enhancing internal testing and validation processes.
- Collaborated with a 6-person cross-functional team, contributing component fixes, dashboard adjustments, and UI refinements to maintain design consistency.

Frontend Engineer
TEE'S IMPORT, Nigeria.   NOVEMBER 2024 – DECEMBER 2024
- Designed and implemented a shipping cost calculator to automate fee computation across **200+** product categories, cutting pricing errors by **80%** and eliminating manual overhead.
- Developed **automated pricing logic** factoring weight, category, route, and currency conversion, enabling real-time, accurate estimates for customers
- Delivered a responsive UI with Tailwind CSS, ensuring seamless access across mobile and desktop platforms.

Frontend Engineer Intern
HNG, Nigeria.   AUGUST 2024 - NOVEMBER 2024
- Collaborated with a cross-functional team of **5+** developers and designers to build Timbu, a full-featured e-commerce app from a provided Figma UI, contributing feedback to enhance features.
- Orchestrated responsive product pages, authentication flow, and shopping cart logic using React, TypeScript, Tailwind CSS, and Supabase.
- Optimized performance by reducing page render time 40% through code splitting, lazy loading, and efficient state management.

PROJECTS

Streampot
- Engineered a personalized movie streaming app integrating the TMDB REST API to provide access to 1M+ movies with cast, trailers, and genre metadata.
- Enhanced the frontend with React, TypeScript, and Tailwind CSS for a responsive and intuitive user experience.
- Architected the backend with Node.js, Express, TypeScript and PostgreSQL, implementing authentication, user watchlists, and data handling for personalized recommendations.
- Devised a recommendation system that analyzes viewing history to suggest personalized content.

Search Engine

- Implemented the document processing module of a C# search engine, implementing parsing, tokenization, and normalization to structure raw text for inverted indexing, enabling faster and more accurate search results

Unilag-Map
- Created Unilag Map, an interactive campus navigation tool to help students find optimal routes between faculties, hostels, and lecture halls.
- Applied Dijkstra's algorithm for shortest pathfinding with **interactive visual route rendering**.
- Generated a responsive UI with graph-based modeling of 50+ campus locations, ensuring clarity and ease of use.