Kolapo Wariz
Frontend Engineer

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EDUCATION

University of Ibadan, B.Sc Computer Science | 2023 — Present

AltSchool Africa, Diploma FrontEnd Engineering | 2023 — 2024

Federal School of Statistics, National Diploma Computer Science | 2016 — 2018

SKILLS

Languages: JavaScript, TypeScript, SQL.
Frameworks & Libraries: ReactJS, VueJS, NextJS, Shadcn UI, Tailwind CSS.
Testing: Vitest, Jest.
Databases: PostgreSQL, Supabase, MongoDB.
Tools and Platforms: Git, GitHub, ESLint, Vite, Prettier, Webpack, VS Code.
Soft Skills: Excellent communication.

WORK EXPERIENCE

Frontend Developer, Internship, Enextgen Wireless Limited, Nigeria | August 2024 – October 2024
- Optimized and built responsive UIs with React, Shadcn UI, and Tailwind CSS, improving performance and reducing load times by 20%.
- Collaborated with an Agile team to develop user-friendly internet speed test web apps, integrating PostgreSQL for seamless data management.

PROJECTS EXPERIENCE

WavvySort | Link **— A web app platform for creating markdown content and accessing it in HTML. |Next.js, React, TypeScript, Tailwind CSS, Shadcn UI, Supabase, Markdown**
- Engineered an interactive web application using Next.js, Tailwind CSS, and Shadcn UI, leveraging reusable components to improve development speed by 40% and ensure a seamless user experience across devices.
- Integrated a markdown-based rich text editor for content creation and publishing, allowing users to easily convert over 500 pieces of markdown to readable HTML format.
- Added a voice feature that allows users to listen to content, catering to accessibility needs and auditory learners.
- Established community-focused features like commenting and liking, which boosted user interaction metrics, with an average of 10 new comments created weekly.
- Integrated unit testing for greater reliability and performance.

PodifyIt | Link **—** A web app for creating AI-generated podcasts. | **Next.js, React, TypeScript, Tailwind CSS, Shadcn UI, Supabase | COMING SOON**
- Developed a feature to extract text from PDF documents using pdf-lib, ensuring 100% accurate and efficient content parsing.
- Integrated OpenAI's GPT API to convert the extracted text into engaging, conversational podcast scripts, elevating content quality and increasing listener engagement by 30%.
- Utilized Azure Cognitive Services for Text-to-Speech (TTS) to generate high-quality audio podcasts from AI-generated scripts.
- Implemented audio playback features using HTML5 for seamless user interaction and listening experience.
- Designed a comprehensive unit testing strategy to ensure the reliability of every component.