Olaoye Israel Aduragbemi

Email: olaoyeaisrael@gmail.com

Phone: (+234) 7032240391

Website   LinkendIn   Github

EDUCATION

University of Lagos

B.Sc Systems Engineering   **2018 to 2025**

SKILLS/TECHNOLOGIES

Python, JavaScript, C#, TypeScript, Dart, HTML & CSS, TailwindCSS, NodeJS, ExpressJS, ReactJS, Expo, React Native, Redux, GSAP, Docker, NestJS, NextJS, FastAPI, WebSocket, GIT, RESTful Api, MongoDB, PostgreSQL, Amazon Web Services(AWS), Teamwork, Leadership, Communication.

WORK EXPERIENCE

Mobile App Developer - *TripEase*   (June '25 - Sept '25)

- Developed a cross-platform React Native app for mobile transportation services for a smooth user experience on iOS and Android.
- Integrated Google Maps API for location detection, route planning, navigation, and Places Autocomplete.
- Designed a user interface for trip scheduling, enabling users to plan journeys and select from multiple transportation options.
- Used Zustand for efficient user location state management, ensuring tracking and updates throughout the trip planning process.

Backend Developer - *Lextorah*   (March '25 - June '25)

- Developed RESTful APIs with FastAPI for an AI learning platform, featuring an endpoint that enables a Socratic style of dialogue with the users.
- Built a file upload route for PPTX, PDF, video, and audio, which enabled teachers to upload materials used to fine-tune AI responses via a Retrieval-Augmented Generation (RAG) approach.
- Integrated Whisper for automatic transcription of audio and video into text before being saved to the database.
- Implemented JWT-based authentication and authorization to ensure user security and controlled access.

Trainee Engineer - *Schneider Electric*   (April '24 - Sept '24)

- Supported the optimization of power systems using Ecostruxure and Ecodial, analyzing and correcting errors in Single Line Diagrams (SLD).
- Worked on the installation and assembly of key electrical infrastructure at a data center, including transformers, switchboards, and power meters.
- Managed and organized key documentation for an e-house project, ensuring all transmittal sheets, technical reports, and reviews from the customer were accurate, up to date, and aligned with project timelines. Supported cross-team communication and facilitated seamless project execution.
- Gained in-depth experience with SCADA systems, contributing to data collection and system operation.

PROJECTS

Patient Monitoring Mobile App

- Developed a cross-platform React Native app for iOS and Android devices for real-time patient monitoring, designed to help in the prevention of pressure ulcers by tracking pressure and temperature data from an IoT-enabled smart bed.
- Implemented push notifications to alert caregivers of critical pressure and temperature changes, enabling timely intervention.

Teekville

- Developed a responsive web platform using React.js and Tailwind CSS.
- Developed a backend with Express.js and used MongoDB as a database to manage user data.
- Implemented security best practices by salting and hashing user passwords with bcrypt for secure storage, and integrated JWT (JSON Web Tokens) for user authentication and authorization.
- Integrated features such as CGPA calculator, meeting scheduling, and test-taking for students to enhance their learning experience.

Apple Clone

- Built an interactive 3D website leveraging the power of Three.js for rendering 3D models and GSAP for animations.
- Converted 3D models to JSON format to ensure compatibility with the website and efficient loading and rendering.
- Integrated responsive design using Tailwind CSS, ensuring smooth user interaction across various devices.