FEMI OJEYEMI

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SUMMARY

Full-stack software developer experienced in designing and deploying high-performance web and mobile applications—from secure messaging frontends and map-based tools to AI-driven voice assistants and clinic booking systems.

SKILLS

Languages: JavaScript, TypeScript, Swift, Python, Java, SQL, HTML/CSS
Technologies: React, SwiftUI, Express.js, Node.js, PostgreSQL, Android SDK, Git, AWS, Firebase, Docker

PROFESSIONAL EXPERIENCE

Defence Space Administration   **February 2023 – December 2023**
Frontend Developer   *Abuja, Nigeria*
- Developed and maintained the frontend of a secure messaging platform using React.js, replacing WhatsApp for internal communication.
- Integrated frontend components with backend APIs to enable real-time communication and document sharing.
- Collaborated with backend developers and participated in team feedback sessions to improve UI usability.

PROJECTS

Map-based Secret Sharing Web App – *React.js, Express.js, Node.js, PostgreSQL, AWS*   **May 2025**
https://github.com/Femosky/MapOfSecrets
- Engineered a full-stack, map-based web app with React.js for the frontend and Node.js & Express.js for the REST API backend, enabling users worldwide to anonymously pin and explore location-tied secrets.
- Deployed the backend on AWS EC2 and architected a scalable PostgreSQL database on RDS, ensuring high availability and seamless API performance.
- Integrated Google Maps API to fetch, plot, and dynamically filter secrets by location, improving user engagement and spatial discovery.

WearOS and Android Voice Assistant – *Java, Android SDK, REST API*   **April 2025**
https://github.com/Femosky/VoiceGPT
- Built a Wear OS voice assistant companion app and mobile Android app to read aloud answers to users' voice prompts via Android's *TextToSpeech* engine.
- Utilized OpenAI's ChatGPT API to generate responses while maintaining context within a chat by tracking the conversation history.
- Effectively implemented syncing of locally stored chats between the watch and phone.

Clinic Appointment Scheduling System – *React.js, Firebase, Tailwind CSS*   **April 2025**
https://github.com/Femosky/clinic-booking-system
- Developed a booking and reservation system web app that clinics can use to manage their appointments with React.
- Implemented Firebase for real-time data storage and authentication, ensuring secure user access.
- Integrated automated appointment confirmations and reminders to enhance clinic efficiency and patient engagement.

Location-Based Friend Finder iOS App – *SwiftUI, Firebase, Node.js*   **January 2025**
https://rokiapp.vercel.app
- Developed and published an iOS app with 30+ users on the Apple App Store to help Africans and other users connect with friends from their home country nearby in foreign locations.
- Integrated Firebase Cloud Messaging to deliver real-time push notifications for updates, including messages and likes.
- Incorporated a Core ML and open-source script to automatically detect and block NSFW images before uploads, ensuring a safe user environment.

EDUCATION

Conestoga College   **April 2025**
Certification, Mobile Solutions Development   *Waterloo, Ontario*

Covenant University   **September 2021**
Bachelor of Engineering, Computer Engineering   *Ogun, Nigeria*