Emmanuel Lot

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Objective

Aspiring Software Developer pursuing a BSc in Information Technology with hands-on project experience in React, Python, and Agile development. Demonstrated expertise in building responsive web applications and collaborating within dynamic teams. Adept at integrating clean, efficient code and contributing to full-stack projects, eager to leverage skills in a fast-paced, innovative environment.

Education

National Open University Of Nigeria   **Jan 2022 - Jul 2026**
BSc., Information Technology

Gomycode Nigeria   **Jan 2025 - Jun 2025**
Software Development Bootcamp

NIIT Nigeria   **Feb 2025 - Apr 2025**
Python Programming

Covenant University Secondary School   **Jan 2011 - Jul 2016**
High School Diploma - SSCE

Work Experience

Certain News - Personal Project   **Jun 2025 - Date**
Full Stack Developer
- Designed and developed a dynamic, user-friendly news platform using the MERN stack, ensuring alignment with best practices and coding standards.
- Built an RSS service to fetch news every 30 minutes and store daily updates, demonstrating strong skills in API integration and database management.
- Implemented a categories filter to enable users to access personalized content based on their interests.
- Integrated MongoDB, Express with Node.js for the backend, and React with Tailwind CSS for the frontend to deliver a cohesive user experience.
- Utilized Git for version control, managing source code effectively.
- Performed unit testing on newly developed features, ensuring clean, efficient, and maintainable code.
- Conducted thorough cross-browser testing to guarantee consistent functionality across various platforms.

FT Service Location Finder - Personal Project   **May 2025**
Frontend Developer
- Developed a service location tracker for members of Living Faith Church – Faith Tabernacle relocating to Lagos and Ota.
- Collaborating with team members to meet project requirements.
- Integrated Google Maps API to provide efficient navigation to service centers, enhancing the application's usability.
- Implemented a search feature that improves users' ability to quickly find nearby worship locations.
- Created and maintained structured data files for storing addresses of zonal centers and loading bays.

Faith Streams - Personal Project   **May 2025**
Frontend Developer
- Developed a **responsive video streaming platform** using React, TypeScript, and Tailwind CSS, optimized for both desktop and mobile screens.
- Implemented **custom welcome screens, navigation, and live streaming integration** via YouTube Embed API.
- Designed and built interactive UI components, including **carousels for archived sermons** and **live detection banners** to notify users when a service is live.
- Added **SEO optimization** by integrating react-helmet-async with structured meta tags and keywords for improved visibility.

- Integrated **authentication flow** (login and protected routes) with React Router for secure access to sermons and live events.
- Implemented **loading states and graceful error handling** for seamless user experience.
- Optimized **state management** across multiple pages, ensuring efficient handling of streaming and archived content.

Skills

- **Programming Languages**: Python, JavaScript
- **Frontend & Backend Development**: HTML, CSS, and JavaScript, TypeScript, Django, React js, Node js, and Express js, API Integration.
- **Database & Troubleshooting**: Database Management, SQL, Code Debugging, MongoDB
- **Methodologies & Soft Skills**: Agile, Team collaboration and communication, Quick learning and adaptability, Problem solving, Passion For Technology.