

# Emmanuel Lot

Lagos, Nigeria | +2347085345067 | [emmanuelot95@gmail.com](mailto:emmanuelot95@gmail.com) | [LinkedIn](#)

## Objective

Aspiring software engineer pursuing a BSc in Information Technology with hands-on full-stack experience using React, Node.js and Python. Strong skills in API integration, database management and agile collaboration demonstrated through MERN-stack and React/TypeScript projects. Proven ability to deliver responsive, user-focused applications and rapidly prototype features, eager to contribute to mission-critical software development in a fast-paced environment.

## Education

<b>National Open University Of Nigeria</b> <i>BSc., Information Technology</i>	<b>Jan 2022 - Jul 2026</b>
<b>Gomycode Nigeria</b> <i>Software Development Bootcamp</i>	<b>Jan 2025 - Jun 2025</b>
<b>NIIT Nigeria</b> <i>Python Programming</i>	<b>Feb 2025 - Apr 2025</b>
<b>Covenant University Secondary School</b> <i>High School Diploma - SSCE</i>	<b>Jan 2011 - Jul 2016</b>

## Work Experience

<b>Certain News - Personal Project</b> <i>Full Stack Developer</i>	<b>Jun 2025 - Jul 2025</b>
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- Designed and developed a dynamic, user-friendly news platform using the MERN stack, applying agile methodologies 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, which ensured smooth collaboration and code integrity throughout the development process
- Performed unit testing on newly developed features, improving software reliability and reducing post-release bugs through systematic code debugging.
- Conducted thorough cross-browser testing to guarantee consistent functionality across various platforms, enhancing user experience and reducing compatibility issues

<b>FT Service Location Finder - Personal Project</b> <i>Frontend Developer</i>	<b>May 2025 - May 2025</b>
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- Developed a service location tracker for members of Living Faith Church – Faith Tabernacle relocating to Lagos and Ota.
- Collaborated with team members using Slack to solve challenges and meet project requirements, ensuring timely completion and alignment with project goals
- 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, applying database management best practices.

<b>Faith Streams - Personal Project</b> <i>Frontend Developer</i>	<b>Jul 2025 - Jul 2025</b>
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- Developed a responsive video streaming platform using React, TypeScript, and Tailwind CSS, demonstrating robust software development practices 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, enhancing user experience by reducing wait times and preventing disruptions
- Optimized state management across multiple pages, ensuring efficient handling of streaming and archived content.

## Skills

- **Programming Languages:** Python, JavaScript
- **Frontend & Backend Development:** HTML, CSS, JavaScript, TypeScript, Django, React js, Node js, 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, Software Development