

Emmanuel Lot

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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

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

Work Experience

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| Certain News - Personal Project <i>Full Stack Developer</i> | Jun 2025 - Jul 2025 |
| <ul style="list-style-type: none">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 | |
| FT Service Location Finder - Personal Project <i>Frontend Developer</i> | May 2025 - May 2025 |

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| Faith Streams - Personal Project <i>Frontend Developer</i> | Jul 2025 - Jul 2025 |
| <ul style="list-style-type: none">Developed a responsive video streaming platform using React, TypeScript, and Tailwind CSS, demonstrating robust software development practices optimized for both desktop and mobile screens.Collaborated with team members using Slack to solve challenges and meet project requirements, ensuring timely completion and alignment with project goalsIntegrated 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. | |

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