

# EMMANUEL TAIWO

## SOFTWARE ENGINEER

+2348127984099    [devemmanuel1@gmail.com](mailto:devemmanuel1@gmail.com)    [realemanuel.vercel.app](https://realemanuel.vercel.app)    [linkedin.com/in/emmanueloluwafunso](https://linkedin.com/in/emmanueloluwafunso)

### SUMMARY

Results Driven Software Engineer with multiple years of experience and a proven track record in developing robust and scalable software solutions. Specialized expertise in JavaScript, Typescript, React.js, Next.js, Node.js. Delivering innovative solutions that drive operational efficiency and enhance user experiences.

### TECHNICAL SKILLS

Javascript | Typescript | ReactJS | NextJS | Redux | NodeJS | ExpressJS | Jest | Cypress | Gatsby | GraphQL | Firebase | MongoDB | Unit Testing | Integration Testing | End-to-End Testing | Tailwind CSS | SASS | Material UI | Styled Components | Git | Github | Shadcn

### EXPERIENCE

#### Frontend Software Engineer

#### Bals University

2023

- Achieved **90%** improvement in overall application performance by leading the team in enhancing user interface development using **Next.js, TypeScript, Tailwind CSS, Redux, and React Query**.
- Collaborated with DevOps teams to deploy applications using cloud platforms, such as AWS, ensuring high availability and scalability.
- Led the team in utilizing Redux for state management and Git for version control and collaborated with team members, contributing to a successful release of **2** major product updates
- Resolved frontend issues, resulting in a **65%** reduction in reported incidents and a notable improvement in the overall user experience.
- Conducted thorough testing and debugging to ensure high-quality code, resulting in a **0%** post-release bug rate
- Collaborated seamlessly with cross-functional teams, including project managers, UI/UX designers, and fellow developers, to integrate backend functionalities which resulted to an impressive **80%** increase in system efficiency and a significant improvement in user interactions, quantified through reduced server response times..

#### Frontend Software Engineer

#### Boundless Digital Services

2023

- Developed and maintained dynamic component with **Next.js**, yielding **65%** boost in user engagement, evidenced by increased interactions, extended platform usage, and a corresponding **75%** rise in user retention rates.
- Led code reviews and participated in team discussions, increasing overall code quality and adherence to best practices.
- Simplified the codebase, resulting in a **55%** decrease in server response time and a **20%** improvement in overall site performance
- Conducted testing and debugging to ensure high-quality code, resulting in a **5%** post-release bug rate
- Implemented web performance optimization techniques, reducing page load times by **70%** and enhancing user satisfaction.
- Built and maintained responsive web interfaces, decreasing user-reported display issues by **50%** and positively impacting user satisfaction.

### PROJECT

#### SpendSense - Finance Management Tool

August 2023 - September 2023

- Built and maintained a robust financial management tool using **Next.js, TypeScript, Material-UI, Redux, Tailwind CSS, Firestore**, and **Firebase**.
- Implemented a comprehensive testing strategy, including **unit testing, integration testing**, and **end-to-end testing**, ensuring the reliability and accuracy of critical functionalities within the tool.
- Implemented a secure user authentication system, leading to an **80%** increase in user sign-ups and improved user trust.
- Built an analytical dashboard interface, contributing to a **75%** increase in user engagement and **60%** more time spent on the platform daily.
- Integrated a highly customizable chart library, resulting in a **90%** surge in user interactions with analytics features.
- The tool's user experience and interface enhancements led to a measurable **70%** improvement in system stability and responsiveness, offering users a reliable and seamless tool for effective financial management.
- Resolved the need for in-depth financial insights by providing a feature-rich analytics dashboard, resulting in **80%** increase of user signups.

### ADDITIONAL SKILLS

GitLab | AWS | CI/CD | Netlify | Vercel | Trello | Jira | Azure | Cloud Computing | Microservices | Docker | Kubernetes | Data Structures & Algorithm | Communication Skills | Problem Solving Skills

### EDUCATION

#### National Open University Of Nigeria

2023

- BSc Computer Science

#### Miva Open Univerity

2024

- BSc Software Development