

# 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, React Native, Node.js. Delivering innovative solutions that drive operational efficiency and enhance user experiences.

### TECHNICAL SKILLS

- **Programming Languages:** Javascript, Typescript, Node.js
- **Libraries and Frameworks:** React, React Native, Redux, Next.js, Tailwind CSS, SASS, Material UI, Styled Components, Gatsby, Shadcn UI, ExpressJS, MongoDB, Jest, Cypress, GraphQL
- **Tools and Platforms:** Git, Github, Firebase, Webpack, Vite, Netlify, Vercel

### EXPERIENCE

#### Bals University

Contract

#### Software Engineer

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.
- 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 with a diverse team consisting of engineers, designers and managers in an agile environment to meet business requirements which raised customer success rate by **20%**.

#### Boundless Digital Services

Contract

#### Software Engineer

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
- Tested web application with Lighthouse which improved page performance by **30%** and SEO by **20%**.
- Implemented web performance optimization techniques, reducing page load times by **70%** and enhancing user satisfaction.
- Identified and removed redundant code in the application codebase that caused the reduction of component file sizes by **40%**

### 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 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
- Resolved the need for in-depth financial insights by providing a feature-rich analytics dashboard, resulting in **80%** increase of user signups.

#### Clutch - Community social network

December 2023 - Present

- Building and maintaining a community-focused social network using **Next.js, Tailwind CSS, TypeScript, Redux, GraphQL, Cypress**, and **Jest**.
- Aiming to foster meaningful connections and a positive user experience in community building.
- Implemented a highly customizable chart library to prepare for future analytics features.
- Targeting system enhancements for scalability, with a goal of achieving a measurable improvement in responsiveness.
- Building a secure user authentication system, anticipating an **80%** increase in user sign-ups and improved user trust upon launch.
- Setting a benchmark for user engagement with a target of a **75%** increase in daily time spent on the platform as the user base grows.

### EDUCATION

#### National Open University Of Nigeria

2023

- BSc Computer Science