EMMANUEL TAIWO

SOFTWARE ENGINEER

📧 devemmanuel1@gmail.com　　🌐 emmanueltaiwo.vercel.app　　in linkedin.com/in/emmanueloluwafunso

SUMMARY

Highly skilled and 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, Node.js, React.js, React Native, Express.js, and databases. Delivering innovative solutions that drive operational efficiency and enhance user experiences.

TECHNICAL SKILLS

- **Programming Languages:** Javascript, Typescript
- **Web & Mobile Technologies:** React.js, Next.js, React Native, Node.js, Express.js, Tailwind, Redux, Styled Components, Material UI
- **Tools and Platforms:** Git, Github, Jest, Cypress, Webpack, Vite

PROFESSIONAL EXPERIENCE

Bals University

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**.
- Successfully delivered 2 web applications using frontend technologies, resulting in a **25%** increase in user engagement for our E-Learning Platform.
- Utilized Git for version control and collaboration with team members, contributing to a successful release of multiple major product updates
- Conducted thorough testing and debugging to ensure high-quality code, resulting in a **0%** post-release bug rate
- Collaborated with Backend & DevOps teams to deploy applications using cloud platforms, such as AWS, ensuring high availability and scalability.

Boundless Digital Services

Software Engineer   **2023**

- Collaborated closely with cross-functional teams, including product managers and UX/UI designers, to gather requirements and deliver high-quality software solutions.
- Worked closely with back-end developers to create and deliver a fully functional software solution that improved customer acquisition and customer retention with **20%**, resulting in a **40%** revenue increase.
- 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
- Implemented and maintained front-end web applications, resulting in a **20%** reduction in page load speeds and conversion rates by utilizing modern web technologies such as React.js and best practices for user experience and accessibility.

PROJECT

SpendSense - Finance Management Tool   **August 2023 - September 2023**

- Utilized front-end technologies such as Next.js and Axios to integrate with back-end services, resulting in real-time data-driven updates to the application and an improved user experience.
- Improved the speed and scalability of the software, leading to a **30%** decrease in loading times and an increase in user satisfaction ratings.
- Built an analytical dashboard interface, contributing to a **75%** increase in user engagement and **60%** more time spent on the platform daily.
- Implemented caching techniques that led to a **25%** reduction in query response times.

PicGenie - AI Image Generator   **February 2024 - Present**

- Developing and sustaining a comprehensive Full-Stack AI Image Generation Software by leveraging third-party APIs.
- Implemented automated tests and test suites, reducing the number of bugs by **30%** and improving overall code quality by **25%**.
- Optimized database performance by utilizing NoSQL databases, such as MongoDB, for efficient data storage and retrieval
- Designed and implemented RESTful APIs using Express.js, facilitating seamless integration with internal and third-party system.
- Deployed applications on multiple cloud-based production environments and maintained staging environments for testing, leading to smoother releases
- Implemented security protocols for applications, resulting in a **40%** reduction in security breaches and an overall improvement in customer trust and satisfaction.

EDUCATION

National Open University Of Nigeria   **2023**