

Samuel Emeka

Fullstack Engineer

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Professional Experience


Fullstack developer

Vapopay

Feb 2021 – May 2023

- Innovatively designed and iterated upon two versions of the Vapopay web application homepage using Figma, incorporating user-centric research for optimal visual appeal and usability.
- Led collaborative development efforts, working closely with cross-functional teams to transform design concepts into fully functional prototypes using Next.js and ensuring optimal performance.
- Leveraged advanced web technologies to implement dynamic and responsive features, employing Next.js for framework efficiency and TailwindCSS for meticulous styling.
- Took a lead role in designing and implementing deep backend functionalities using Node.js, Express.js, and MongoDB, ensuring the robustness and scalability of the web application.
- Orchestrated database management and optimization strategies, contributing to enhanced data retrieval efficiency and overall system performance. MongoDB was utilized for effective data storage and retrieval.
- Applied agile development methodologies, actively participating in sprint planning, daily stand-ups, and retrospectives, contributing to a dynamic and efficient development environment.

Web Developer

Creatrix Empire 

Jul 2022 – Feb 2023

- Successfully managed and maintained over 5 webpages, graphics, and online marketing materials under the guidance of an operations manager and development team at Creatrix Empire International Limited.
- Played a crucial role in the development of 3 WordPress sites, including a cosmetic product website and a media-communication website. Contributed to the entire development lifecycle, from testing and deployment to subsequent updates.
- Evaluated and optimized mobile performance and search engine rankings for 4 client websites using the RankMath SEO plugin, resulting in a remarkable traffic increase of over 40%.
- Actively assisted the development team in various capacities, demonstrating a collaborative approach to tasks and contributing to the overall success of web development projects at Creatrix Empire International Limited.

Skills

Programming Languages

HTML, CSS, Javascript, Typescript, Python, Sass, Java, Node.js, SQL, NoSQL, JQuery

Libraries & Frameworks

React, Next.js, React native, Tailwind CSS, GraphQL, Express, Mongoose, Jest, React Testing Library, Bootstrap

Tools & Platforms

Git, Github, Netlify, Vercel, Firebase, AWS, Google Cloud, WordPress, Figma, Adobe Creative Cloud

Projects

Passhash Password Manager

Developed a responsive 5-page dashboard using Figma for strategic design, ReactJS for rapid frontend development, and SCSS for precise styling. Implemented advanced state management with Redux and Redux-persist, seamlessly integrated APIs (e.g., Google authentication), and connected to a MongoDB database through a native backend API (NodeJS, ExpressJS) for robust functionality.

PromptBook

Created Promptbook, a responsive 3-page web application, by first designing the interface in Adobe XD. Developed the functional frontend in just 2 days using NextJS and TailwindCSS for styling precision. Seamlessly integrated Google Auth API through Next-Auth and connected the application to MongoDB, enabling efficient user authentication and data storage. Promptbook serves as a platform where users can design and share AI prompts for others to copy and use as their own.

Education

Bsc. Computer Science

Kibo School of Technology

Bsc. Electrical Electronics Engr.

University of Lagos