New York, NY

Marquis Sampson
Software Engineer

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SOFTWARE PROJECTS

Personal Web Portfolio (https://ms-web-portfolio.com)
- Adapted a mockup from Figma into a fully responsive website with over 1,000 lines of code that showcased proficient software engineering projects and relevant skills in front-end and back-end software development.
- Implemented 6 user-friendly color changes that allow users to customize the website on any page.
- Integrated a contact section with the backend-as-a-service program EmailJS, which is trusted and used by over 250,000 web developers worldwide to send emails directly to users from any client-side application.
- Coded with: Next.js, Tailwind CSS, HTML, JavaScript, CSS, React Hooks, TypeScript, EmailJS, Git

Amazon Clone (https://amazon-clone-git-main-marquis4484.vercel.app)
- Created an application that resembles the number 1 ranked e-commerce website in the world, Amazon.
- Implemented Stripe's CLI with over 100 lines of code to add a checkout session and shipping rates.
- Composed the overall layout and mobile responsiveness of the full-stack web application using TailwindCSS.
- Built with: HTML, JavaScript, Next.js, Tailwind CSS, React Hooks, Redux, Git

Spaces: Real-Time Messaging Application (https://ms-spaces.com)
- Established a messaging app that allows users to join rooms where they can send and receive messages from other online users.
- Maintained user authentication and user data within the backend cloud servicing platform Firebase.
- Utilized the back-end that allows for bi-directional communication using WebSockets within Socket.io.
- Designed with: React, React Hooks, JavaScript, HTML, Tailwind CSS, Socket.io, Firebase, Git

Mock Restaurant Website: Grand Buffet (https://ms-grandbuffet.com)
- Developed a modern single-page application using vanilla JavaScript, the History API, and ES6 modules.
- Applied client-side routing so that each page renders its content and its views dynamically.
- Reproduced import and export syntax structure similar to code programmed in React and Next.js.
- Engineered with: HTML, JavaScript, CSS, Express, Node.js, Git

WORK EXPERIENCE

Software Engineer   *New York City, NY*
Freelancer   *8 / 2021 - Present*

- Collaborated with various software developers to contribute to open-source projects with work from over 4,000 software developers on GitHub.
- Assisted customers with contracted work through an online freelance platform with over 18 million users.
- Updated a company's logo in 2 days from a hand-drawn image into a digital illustration using Adobe Illustrator.

SKILLS & INTERESTS

Front-End: React, JavaScript, HTML, CSS, SASS, Tailwind CSS, Responsive Design
Back-End: Node.js, Express.js, Ruby on Rails, Java, C++, SQL, REST APIs, HTTP Methods, WebSockets
Tools: TypeScript, Firebase, Socket.io, Git, Next.js, Figma, Sanity, Stripe, GraphQL, Redux, MySQL
Interests: Software Development, GitHub, Music, Art, E-commerce, Social Media, Marketing, Game Design

EDUCATION

System Design, Data Structures and Algorithms, NY   *3 / 2020 - 5 / 2020*
General Assembly: Software Engineering Immersive, NY   *8 / 2019 - 1 / 2020*
Stony Brook University, Major: Computer Engineering, NY   *6 / 2016 - 5 / 2019*