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.
- Integrated 6 user-friendly color changes that allow users to customize their viewing experience.
- Implemented a contact section so that users can easily initiate contact without using an email service.
- Utilized: 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 one of the most popular e-commerce websites, Amazon, and devised the program within the React.js framework Next.js.
- Implemented Stripe CLI in order to simulate a checkout session, real transactions, and shipping rates.
- Composed the overall layout and mobile responsiveness of the full-stack web application using TailwindCSS.
- Utilized: HTML, JavaScript, Next.js, Tailwind CSS, React Hooks, Redux, Git

Spaces: Real-Time Messaging Application (https://ms-spaces.com)
- Designed 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.
- Coded the back-end that allows for bi-direactional communication using WebSockets within Socket.io.
- Utilized: 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.
- Utilized: HTML, JavaScript, CSS, Express, Node.js, Git

WORK EXPERIENCE

Software Engineer *New York City, NY*
Freelancer *8 / 2021 - Present*
- Collaborated with various software developers in order to contribute to open source projects with work from over 4,000 software developers on Github.
- Assisted customers with contracted work through the online freelancing platform Upwork.
- 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*