New York, NY

Marquis Sampson
Software Engineer

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SOFTWARE PROJECTS

Home Away: Airbnb Clone (https://homeaway-supabase.vercel.app/)
- Created a website by utilizing Shadcn/ui to shape the frontend interface, Clerk to handle user authentication, and Supabase to store data and images to resemble the popular online marketplace founded in 2008, Airbnb.
- Implemented Stripe's CLI program with over 100 lines of code to add checkout sessions.
- Composed the overall layout and mobile responsiveness of the web application using Tailwind CSS.
- Coded with: Next.js, Tailwind CSS, Stripe, JavaScript, CSS, Shadcn/ui, Clerk, Supabase, TypeScript, Git

Tealaxation (https://tealaxation.netlify.app/)
- Adapted a mockup from Figma into a fully responsive website with over 1,000 lines of code that focuses on shipping premium tea at an affordable price.
- Developed the functionality of the modern website using vanilla JavaScript and ES6 modules.
- Constructed a REST API hosted on GitHub Pages that contains all of the products for the online store.
- Built with: HTML, JavaScript, CSS, Git

Spaces: Real-Time Messaging Application (https://ms-spaces.com)
- Utilized a server that can handle over 10,000 concurrent connections to create a platform where users can join rooms to send and receive messages from other online users.
- Maintained user authentication and user data within the backend cloud servicing platform Firebase.
- Established a backend that allows for bidirectional communication using WebSockets within Socket.io.
- Designed with: React, React Hooks, JavaScript, HTML, Tailwind CSS, Socket.io, Firebase, Git

WORK EXPERIENCE

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

- Collaborated with various software developers to contribute to open-source projects with work from over 4,000 software developers on GitHub.
- Engaged in online discussions that have impacted over 60,000 viewers on the website Stack Overflow.
- Hosted over 20 web applications through hosting services such as Netlify, Heroku and Vercel.

Shake Shack Opening Trainer / Team Training Captain New Jersey, NJ   *4/2023 - 12/2024*

- Directed and trained multiple groups of trainees consisting of over 60 new team members during 50 hour work weeks to prepare for new restaurant openings.
- Supervised multiple training groups of 12 individuals in 3 different stores in New Jersey, New York, and Ohio.

SKILLS & INTERESTS

Front-End: React, JavaScript, HTML, CSS, SASS, Tailwind CSS, Responsive Design
Back-End: Node.js, Express.js, SQL, REST APIs, HTTP Methods, WebSockets
Tools: TypeScript, Firebase, Socket.io, Git, Next.js, Figma, Sanity, Stripe, GraphQL, Supabase, Clerk, Shadcn/ui
Interests: Software Development, GitHub, Music, Art, Ecommerce, Social Media, Marketing, Game Design, Languages

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*