Marquis Sampson

New York, NY

Software Engineer - Next.js, React, TypeScript

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I am a **Software Engineer** specializing in **Next.js, React,** and **TypeScript**. My current tech interests include **MySQL, MongoDB,** and **Swift**. I have over 3 years of experience building applications that can be viewed on the web.

SOFTWARE PROJECTS

Home Away: Airbnb Clone (https://homeaway-supabase.vercel.app/)
- Created a website with **Next.js** 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, Airbnb.
- Implemented **TypeScript** to add static typing and classes to add structure to over 20 pages of the website.
- Composed the overall layout and mobile responsiveness of the web application using **Tailwind CSS**.
- Coded with: **Next.js**, **Tailwind CSS**, **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**, **REST API**, **Git**

Spaces: Real-Time Messaging Application (https://ms-spaces.com)
- Utilized the **React** framework to develop 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**, **Node.js**, **JavaScript**, **HTML**, **Tailwind CSS**, **Socket.io**, **Express**, **Firebase**, **Git**

WORK EXPERIENCE

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

- Collaborated with various **JavaScript** and **Next.js** 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 **Next.js** developers on the website Stack Overflow.
- Hosted over 20 **Next.js, TypeScript,** and **React** applications through hosting services such as Netlify, Heroku and Vercel.

SKILLS & INTERESTS

Frontend: React, JavaScript, HTML, CSS, Tailwind CSS
Backend: Node.js, Express.js, REST APIs, HTTP Methods, WebSockets
Tools: TypeScript, Next.js, GitHub, Firebase, Socket.io, Git, Figma, Supabase, Clerk, Shadcn/ui
Interests: Software Development, Music, Art, Ecommerce, Social Media, Marketing, 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*