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**. I am currently learning how to build complex AI workflows to create useful AI agents. I have over three years of experience building web-based applications.

WORK EXPERIENCE

MindStudio Ambassador, New York, NY (Remote)   *6/2025 - Present*
- Constructed AI agents within MindStudio's integrated platform by creating and manipulating custom workflows while utilizing well-known AI models such as the Claude 3.7 Sonnet and the GPT-4.1 to perform intricate tasks.
- Earned a 20% share of revenue generated from the first 12 months of new user subscriptions from PartnerStack.
- Marketed various AI agents through LinkedIn post engagements which raised account impressions by 29%.

Software Engineer Freelancer New York City, NY   *8/2021 - Present*
- Hosted over 15 **Next.js**, **TypeScript**, and **React** applications through Netlify, Heroku, Github and Vercel.
- Developed AI workflows within MindStudio's integrated platform using **JavaScript**, **HTML** and **TailwindCSS**.

SOFTWARE PROJECTS

Page Turner (https://page-turner-5tai.vercel.app/ **)**
- Created a website that features various public domain comic books on a carousel programmed with **React** within **Next.js** while utilizing **TailwindCSS** to design the overall aesthetic of the frontend interface.
- Implemented **TypeScript** to add static typing and classes to add structure to the pages of the website.
- Added Vercel Web Analytics to keep a record of visitors who roam through the website as well as page views.
- Coded with: **Next.js**, **Tailwind CSS**, **JavaScript**, **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 imitates an e-commerce website 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: **JavaScript**, **HTML**, **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**

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
Interests: Software Development, Music, Art, Ecommerce, Social Media, Marketing, Languages

EDUCATION

General Assembly: Software Engineering Immersive, NY   *10/2019 - 1/2020*
Stony Brook University, Major: Computer Engineering, NY   *1/2016 - 5/2019*