

SOFTWARE PROJECTS

Personal Web Portfolio (<https://ms-web-portfolio.com>)

6/2023-Present

- Adapted a mockup from Figma into a fully responsive website with over 1,000 lines of code that showcases proficient software engineering projects and relevant skills in front-end and back-end software development.
- Integrated user-friendly design choices that allows users to customize their viewing experience.
- Implemented a contact section so that users can easily stay in contact without using their own email service.
- Utilized: Next.js, TailwindCSS, HTML, JavaScript, CSS, React Hooks, TypeScript, EmailJS, Git

Amazon Clone (<https://www.amzn-clone.com>)

1/2023-Present

- Created an e-commerce application that resembles Amazon with the React.js framework Next.js.
- Implemented Stripe's 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, TailwindCSS, React Hooks, Redux, Git

Spaces: Real-Time Messaging Application (<https://ms-spaces.com>)

2/2023 - Present

- Designed a messaging app that allows users to join rooms where they can send and receive messages.
- Maintained user authentication and user data within the backend cloud servicing platform Firebase.
- Coded the back-end that allows for bi-directional communication using WebSockets with Socket.io.
- Utilized: React, React Hooks, JavaScript, HTML, TailwindCSS, Socket.io, Firebase, Git

Mock Restaurant Website: Grand Buffet (<https://ms-grandbuffet.com>)

12/2022 - Present

- Developed a modern single page application using vanilla JavaScript, the History API, and ES6 modules.
- Applied client side routing so that each page of the website renders each view and its content dynamically.
- Reproduced import and export syntax structure similar to code developed in React and Next.js.
- Utilized: HTML, JavaScript, CSS, Express, Node.js, Git

WORK EXPERIENCE

Stony Brook University

Stony Brook, NY

Ceridian Intern

6/2018 - 9/2018

- Assisted over 300 staff members on Stony Brook University campus and Stony Brook University Hospital in signing into a new payroll system.
- Participated in developing an instructional video in order to assist future members in logging into the new payroll system.
- Collaborated with over 100 faculty members and around 350 university-run committees in order to provide satisfactory service to every organization that visited Stony Brook campus.

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, Sanity, Stripe, GraphQL, Redux, MySQL

Interests: Software Development, Github, Music, Art, E-commerce, Social Media, Marketing, Game Design

EDUCATION

System Design, Data Structure and Algorithms

General Assembly: Software Engineering Immersive

Stony Brook University, Major: Computer Engineering

AlgoExpert, Online Course

New York City, NY

Stony Brook, NY