

# Martha Sharpe

## Web Developer

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### Summary

I am a self-taught web developer specializing in JavaScript, React and Redux. I love the daily challenges of web development: writing quality code, learning new technologies, and solving complex problems. In 2019, I was chosen as a LinkedIn Top Voice for Web Development. I have built many projects on my own, pushing to GitHub and getting peer code reviews. I am eager to work on a team and put my skills to good use.

### Tech Stack

JavaScript | React | Redux | Node | Express | MongoDB | Bootstrap | Git

### Projects

#### **Business of Healthcare** - <https://www.bohseries.com/>

A media website designed using Squarespace. Learned the capabilities and limitations of the Squarespace CMS. Implemented an Eventbrite widget so users can register for livestream interviews. Certain features required customized styling with CSS. Created a simple, mobile-friendly design to enable him to add his own content.

#### **MySchool: Full-Stack Website** - <https://my-school.netlify.com/>

A website for saving online learning resources. Built a REST API using Node, Express, and MongoDB with Mongoose schemas. Implemented user login with password encryption and JWT authentication. Client-side is a basic CRUD application built with React. Used Redux for state management and redux-thunk for asynchronous API calls. Also used React-Router-DOM for dynamic routing and React-Bootstrap for styling.

[github.com/marthasharpe/myschool-back](https://github.com/marthasharpe/myschool-back) - [github.com/marthasharpe/MySchool-front](https://github.com/marthasharpe/MySchool-front)

#### **Hangémon: React-Redux Game**

An original game for kids and adults to guess the names of random Pokemon.

A React App using Redux for state management and Redux-thunk for the API call.

Mobile-first design using React-Bootstrap. Learned to control all aspects of the UI using state.

[Hangemon.netlify.com](https://hangemon.netlify.com) - [github.com/marthasharpe/hang-pokemon](https://github.com/marthasharpe/hang-pokemon)

#### **Mix Master: JavaScript Game**

A game to learn to mix cocktails. Original concept and design from my bartending days.

I wrote this from scratch using ES6 JavaScript and styled it with CSS grid and flexbox.

Used an object-oriented approach by creating a Drink class constructor.

[Bartending-game.netlify.com](https://bartending-game.netlify.com) - [github.com/marthasharpe/Bartending-Game](https://github.com/marthasharpe/Bartending-Game)

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### Work History

#### **Web Developer, Business of Healthcare - Remote**

2020-present

- Built a media website using Squarespace.
- Discussed design options with the business owner to meet requirements.
- Implemented features that are easy to maintain.

- Homeschooling Parent, Self-employed - Atlanta, GA** 2010-present
- Managed the accounts and logistics of a home-business
  - Raised and homeschooled four children using Agile methodology
  - Mastered time-management, prioritizing, and working under pressure
- Head Youth Minister, Thomas Aquinas Newman Center - Grand Forks, ND** 2009-2010
- Coordinated social and educational events for college students
  - Delegated administrative duties to three other ministers
  - Approached and engaged new students to make them feel welcome
- Head Bartender, United Airlines Red Carpet Club - Arlington, VA** 2008-2009
- Learned to mix 250+ drinks and track several orders at once
  - Provided excellent customer service to business-class clientele
  - Trained in Techniques of Alcohol Management
- Karate Instructor, American Black Belt Academy - Colorado Springs, CO** 2002-2005
- Earned my black belt and karate instructor certification
  - Taught self-defense classes to children and adults at the main school
  - Started a karate club in college as an official student organization

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**Education**

- FreeCodeCamp, Online Certifications** 2019
- Responsive Web Design (HTML5, CSS3)
  - JavaScript Algorithms and Data Structures (ES6)
  - Front End Libraries (jQuery, Sass, Bootstrap, React, Redux)
- University of North Dakota, Grand Forks, ND** 2003-2007
- BA in Classical Studies, Honors Scholar
  - Background in Calculus and physical sciences
  - Graduated Summa Cum Laude