**M A R K R I V E R A**

W e b D e v e l o p e r

**P E R S O N A L S U M M A R Y**

Passionate technologist and a web developer. I love connecting people together and the web is the perfect avenue for that. I’m always seeking opportunities to be creative

implementing the latest technologies.

**C O N T A C T D E T A I L S :**

[www.MarkRivera.nyc](http://www.MarkRivera.nyc/) [Mrivera1991@gmail.com](mailto:Mrivera1991@gmail.com) LinkedIn.com/in/Mrivera1991

New York, NY

**T E C H N I C A L S K I L L S**

**Front End**

HTML | CSS | JavaScript React | React Router | Redux CSS Grid | Flexbox | Sass jQuery | Bootstrap

IndexedDB

**Back End**

MongoDB | Mongoose NodeJS | Express JWT | Sessions

**Tools**

NPM

Git | GitHub Babel | Webpack

Chrome Dev Tools | React Dev Tools

**E D U C A T I O N**

B r o n x C o m m u n i t y C o l l e g e C o m p u t e r S c i e n c e A . S . 2 0 2 1

B r o n x N Y

**P R O J E C T S**

# WATCHTHIS

## [An app that connects to the TMDb API and decides movie titles for you.](https://peaceful-scrubland-82341.herokuapp.com/)

[**LiveDemo**](https://peaceful-scrubland-82341.herokuapp.com/)| [**Github**](http://www.github.com/MarkRivera/WatchThis)

Introduced scalability through constructing top level state, and managing that state with Redux.

Authored an user authentication and verification middleware using a mixture of technologies.

Designed MongoDB document structures to allow optimized data responses to minimize any need for data manipulation; reducing the probability of accidental bugs.

Programmed API calls using Express, Axios and Fetch; which allowed users to get, send, change and delete personal data.

Tools: NodeJS, MongoDB, Express, JWT, Bcrypt, Axios, React, Redux, Fetch, localStorage

# NETBUILDERS

## A social media type of website for software developers

[**LiveDemo**](https://safe-brushlands-22158.herokuapp.com/)| [**Github**](http://www.github.com/MarkRivera/NetBuilders)

Authored MongoDB documents in order to store user information for profiles, posts, and dashboards.

Created server routes and API points to interact with the back-end and database through the client.

Implemented client side top level state architecture to manage data flow efficiently. Engineered request handlers, responses to client, and database management.

Tools: React, Redux, React-Router, Express, NodeJS, MongoDB

# RAVENOUS

## API base search engine which helps you find good food around your neighborhood.

[**LiveDemo**](https://peaceful-journey-11506.herokuapp.com/)| [**Github**](https://github.com/MarkRivera/ravenous)

Developed an easy to use UI enabling the user to search with ease.

Ensured quick load times by limiting the amount of data downloaded through API Implemented CSS3 media queries ensuring that the app looks good in all possible devices.

Engineered a sorting feature for users to filter search results Tools: React, Fetch, CSS, HTML

# MESSAGEME

## A skype based chat project, demoing the power of Redux and React

[**LiveDemo**](https://enigmatic-plains-76907.herokuapp.com/)| [**Github**](http://www.github.com/MarkRivera/msg2)

Implemented top level state using Redux allowing React to only focus on displaying the view layer.

Designed the state model to optimize searches by keeping all important data un-nested. Engineered user input to create new messages which individual chat rooms.

Tools: React, Redux, HTML, CSS