

Michael Garrigan

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Software Engineering Applications

[Peddle](#), Software Engineer

React, Redux, AWS, PostgreSQL,

Express

C2C Marketplace

- Created a scalable application with lambda functions, load balancing and auto scaling
- Designed a read/write database to increase the traffic and speed of database queries
- Built a shopping cart with Stripe API Connect to allow the buyer to purchase from multiple sellers

[Moodvie](#), Full Stack Developer

React, React-Router, MongoDB, Express

Discover entertainment based on your mood.

- Aggregated static web data with Cheerio and JSDOM
- Aggregated dynamic web data with NightmareJS
- Cached data locally for extremely fast load times and no database server connection disruptions
- Extended this open source project to recommend books, plays, songs in addition to movies

[New York Doc Exchange](#), Full Stack Developer

React, SQLite3,

Express

Find a highly rated specialized doctor based on location

- Built a Google Map feature that pinned doctors locations with Google map api
- Created a utility to auto email invitees from the application with nodemailer
- Worked with a geocoding api to transform users input into latitude and longitude

[VSON](#), Full Stack Developer and Maintainer

React, SQL, Express, d3

Visualize US Census data in chart format

- Built highly customizable charts that can be downloaded in the browser
- Utilized d3.js to build reactive & responsive charts
- Configured SQL database to efficiently traverse Census.gov's extensive data

Technical Skills

Front End: JavaScript(ES6), HTML5, CSS3, SQL, React, Redux, Angular, D3

Back End: Node.js, Express, PostgreSQL, MongoDB, RESTful API Development

Testing/Deployment: Enzyme, Jest, Mocha, Chai, AWS, Heroku

Developer Tools: Git, npm, Webpack, TDD

Education

Hack Reactor, NYC — *Immersive Software Development*

2018

- 1000+ Development Hours
- Less than 3% acceptance rate