Mike Barberry

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↗ mikebarberry.com

EXPERIENCE

Competitive Solutions, Inc.	Software Engineer	May 2021 - Present

- Develop front end components to meet end user requirements using React.js and the UI library Ant Design
- Refactor existing components to improve code efficiency, clarity, and user experience
- Build and modify Express.js server to respond to front end requests and perform business logic
- Extend the backend server to interact with external APIs from AWS, Twilio, and business partners
- Write helper functions to perform bulk actions as well as to keep the codebase DRY
- Work with Mongoose schemas to structure and interface with stored data
- Create and maintain MongoDB collections to persist application data

Competitive Solutions, Inc.	Product Owner	May 2019 - May 2021

- Lead development of three custom built websites for different clients using agile principles (cbhscareconnections.com, mynetworktrac.com, and peer-rx-login.com)
- Gather user requirements and translate into stories
- Create wireframes, mockups and other artifacts
- Manage sprint timelines and groom backlogs
- Test new features and enhancements
- Troubleshoot and debug
- Manage operations including: AWS (EC2, IAM, S3, SES, Route 53, Lambda and RDS), GitHub, Heroku, and Twilio

EDUCATION

Flatiron School	Full Stack Software Engineering Bootcamp	Aug 2020 - Present

Technologies Covered (654 lessons, 339 labs)   **Course Projects**
- React/Redux   https://github.com/MikeBarberry-Flatiron/CatFacts
- JavaScript   https://github.com/MikeBarberry-Flatiron/CoralCollector
- HTML & CSS   https://github.com/MikeBarberry-Flatiron/MenuGenerator
- Rack and Sinatra   https://github.com/MikeBarberry-Flatiron/Wishlist
- SQL and ORM

- Ruby
- Ruby on Rails

(Non-tech BA from Indiana University and MA from University College London)

PERSONAL PROJECTS

1. Website hosted on EC2 with Let's Encrypt on the Apache server for secure connections. Mostly written in HTML with CSS and JavaScript
2. Site for displaying relationships with full CRUD functionality; also hosted on EC2. Built with PHP, JQuery and HTML forms
3. Full stack MongoDB, Express, React, NodeJS (MERN) application hosted on Heroku.

See my website for links to the live projects and other github repositories