

TECHNICAL SKILLS

Languages: JavaScript, Ruby, Go, SQL, MongoDB QL, HTML/CSS,

Libraries/Frameworks: Node.js, React, Express, Rails, Postgres, Redux, Jest, Vue

Tools & Platforms: Git, *nix, Nginx, Heroku, Twilio, Netlify, AWS (Route 53, S3, EC2, SES, Lambda)

Agile/Design: Jira, Trello, Sketch, Whimsical

PROFESSIONAL EXPERIENCE

Competitive Solutions, Inc.

Software Engineer

Remote (Astoria, Ore.)

April 2021–Present

- **Document Upload:** Built 10 React components and 9 Express API endpoints to create complete document (PDF, Word, Excel) upload feature with integrated business logic. Files are stored in AWS S3 and metadata in MongoDB. Users can create, read, update and delete based on permission levels.
- **Partner Interface:** Engineered infrastructure to exchange, process and store data with partner organization using React, Express, AWS (S3 & Lambda serverless function) and MongoDB.
- **Code Integrity:** Refactored 20+ components, 10+ Express REST API endpoints and 5+ helper functions to improve application performance and fix bugs, reducing reported production bugs by 50%.
- **DevOps:** Configured AWS (EC2, S3, SES, Lambda, IAM, Route 53, CloudFront) services and Heroku dynos. Deployed applications and managed ongoing operations.

Product Manager

2019–2021

- Collaborated with stakeholders and engineers to ensure business goals translated into effective outcomes and useful product features.
- Defined user stories and built sketches, storyboards, high-fidelity mockups, and wireframes to clearly convey ideas.
- Iterated on feedback from users and the engineering team to improve the quality of the product and user experience.

ConnexRX (cbhscareconnections.com)

Custom software for administrators and providers to track and manage client progress through care

Network Engagement Tracker

Website for hospital staff and community partners to track and manage client rehabilitation

PeerRX (peer-rx-login.com)

Website featuring real-time texts and a proprietary selection algorithm to connect clients with providers

PERSONAL PROJECTS

wishlists.link React/Rails | mikebarberry.com JavaScript/HTML/CSS | whispering-retreat-75863.herokuapp.com Go/Vue | determined-bartik-aa0fab.netlify.app Object-oriented JavaScript/Rails | replit.com/@mbarberry/cat-facts Object-oriented Ruby | www.friendslist.link Vue/Express | www.marvelapi.link React/Express | www.webnav.ninja HTML/CSS

EDUCATION

Flatiron School, Fullstack Software Engineering Bootcamp

2021

M.A., University College London, Philosophy

2016

B.A., Indiana University, Psychology

2015