

Experience

Competitive Solutions, Inc.

Remote

Software Engineer

May 2021 - Nov. 2021

- **Document Upload:** Built 10 React components and 9 Express API endpoints to create complete document (PDF, Word, Excel) upload feature. Files are stored in AWS S3 and document metadata in MongoDB. Users can create, read, update, and delete
- **Partner Interface:** Engineered infrastructure to exchange, process, and store data with partner organization using: React, Express, AWS IAM, AWS S3, AWS Lambda and MongoDB
- **Code Integrity:** Refactored 20+ components, 10+ REST API endpoints, and 5+ functions to improve application performance and eliminate bugs
- **DevOps:** Configured Route 53 Hosted Zones, AWS EC2 instance, Heroku dynos, and deployed staging and master branches

Competitive Solutions, Inc.

Remote

Technical Product Manager

April 2019 - May 2021

- Communicated with clients to gather requirements and produce user stories
- Created detailed wireframes and mockups for new features and enhancements
- Led meetings with engineers to plan sprints using JIRA and Google Docs
- Managed product lifecycle and built roadmaps in Trello

Technical Skills & Projects

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

Libraries & Frameworks: React, Vue, Redux, Express.js, Node.js, Ruby on Rails, Sinatra, Gin

Tools & Platforms: Git, Linux, Docker, Apache, Nginx, AWS (IAM, Route 53, SES, EC2, S3, Lambda), Twilio

Design/Wireframing: Sketch, Whimsical

ConnexRX

Client: Coordinated Behavioral Health Services (CBHS)

Custom software for healthcare managers to track and manage client progress through treatment

PeerRX

Client: Competitive Solutions, Inc.

Web app powered by algorithm and real time text messaging to connect hospital patients with qualified peers

Network Engagement Tracker

Client: Ellenville Regional Hospital

Website for hospital administrators and community partners to oversee treatment of patients & track progress

MikeBarberry.com

Client: Personal Project

Website: mikebarberry.com

Personal website featuring a 3D animation utilizing the library, three.js. Highlights the above projects

Education

Flatiron School, Software Engineering

Aug. 2020 - Oct. 2021

UCL, MA Philosophy

Sept. 2015 - Nov. 2016

Indiana University Bloomington, BA Psychology

Aug. 2011 - May 2015