Mike Barberry

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mikebarberry.com
github.com/mikebarberry

Experience

Competitive Solutions, Inc.   **Remote**
Software Engineer   *May 2021 - Nov. 2021*
- **Features:** Added features in existing React components to extend functionality based on client requirements - new form elements, state, data and functions.
- **ID:** Researched and integrated package to meet requirement that short ID is displayed to users on the front end - added function to data model, wrote and executed script to add value to existing data points, edited Express API to send and save ID, edited React components to display ID in correct places.
- **Data Exchange:** Developed system to exchange data with a business partner - created two S3 buckets, built Node.js Lambda function to automatically execute when one bucket receives a new file, process the incoming data, and store the results in MongoDB.
- **Document Upload:** Built complete document upload feature - created React components and Express endpoints to facilitate users being able to select a file from their local machine, include data about the file, select users to send emails to with a message; and be able to view, edit, and delete the uploads and associated metadata. Connected to S3 and MongoDB.

Competitive Solutions, Inc.   **Remote**
Technical Product Manager   *April 2019 - May 2021*
- Communicated with clients to determine requirements and created user stories
- Produced wireframes and mockups for new features and enhancements
- Led team meetings to plan sprint cycles and used JIRA and Trello

Technical Skills & Projects

Languages: JavaScript, HTML, CSS, Ruby, SQL, MongoDB QL
Libraries & Frameworks: React, Express, Node.js, Redux, Vue, Sinatra, Ruby on Rails
Tools & Platforms: Git, Linux, Webpack/Babel, Docker, Heroku, Twilio, AWS (EC2, S3, Lambda, IAM, SES)
Design: 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 graphic utilizing the WebGL based library, three.js. Highlights 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*