

**SKILLS** JavaScript, React, Redux, Ruby / Rails, HTML5, CSS3, Git, PostgreSQL, jQuery, MongoDB, Express.js, Node.js, D3

## EXPERIENCE

### EyeRate Reviews Full Stack Engineer (MERN stack)

May 2020 - Present

- Built interactive multi-page user dashboard, to track consumer engagement and review data with custom visualization displays using the D3 and ReChart libraries in conjunction with React hooks
- Rebuilt backend user authentication with Passport.js library and adhered to best practices with password encryption with use of the BCrypt library
- Assisted in the transformation and integration of the company's database to Mongo Atlas with the help of the Mongoose library. Responsible for creating proper referencing between documents in other collections

### SportsBot5k Backend Engineer (Ruby on Rails)

Mar 2020 - Present

- Created and automated custom scraper using the Nokogiri and Whenever gems to create esports match, team, and player objects with ActiveRecord
- Subscribed to several social media APIs to validate live streams and social media presence of various esports teams and players which was used to create in-house popularity ranking
- Built custom routing within the Rails API to deliver a time-sensitive payload to the frontend
- Designed and roadmapped various features with a small team in an agile environment. Assisted with various stages of site setup and deployment including testing and release of UAT server.

## PROJECTS

### **Scarpa** Ruby on Rails, AWS S3, React / Redux

[live](#) | [github](#)

Full stack inspired by Scarpa Climbing

- Implemented custom search feature using high level selector functions to pass query results from redux store to React containers as props without additional queries to the database
- Created custom SQL queries and reduced server load through the utilization of ActiveRecord associations and JBuilder to extract data from multiple tables in a single query
- Connected the Rails back end to AWS S3 for media storage and organization while maintaining content security with AWS IAM

### **mlbVisual** Javascript, D3, CSS3

[live](#) | [github](#)

Data visualization application for batting statistics in the MLB

- Engineered interactive scatter plot using D3 library to give user the ability to zoom, filter, compare, and select a single player within the display
- Built asynchronous functionality using the D3 library with DOM manipulation to parse, design, and display MLB batting statistics for over 700 players in the 2019 season
- Customized pie chart with appended team logo displaying individual batting statistics upon selecting data point within graph

### **CampList** MongoDB, Express.js, Node.js, React / Redux

[live](#) | [github](#)

Campsite creation site utilizing Google Maps API and user content creation

- Incorporated React-Redux container and Redux selector patterns to architect highly scalable and uni-directional front-end state management
- Leveraged Google Maps API with React / Redux lifecycles to create and display user-created campsite locations
- Modeled RESTful architecture using axios to process requests and render comments and voting functions for individual campsites

## EDUCATION

AppAcademy - Software development course with focus on full stack web development

Dec 2019

Chico State University - Bachelor of Science Cell / Molecular Biology

Dec 2017