WILL SMITH

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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 - July 2020
- Created and automated custom scraper using the Nokogiri and Whenever gems to create esport match, team, and player objects with ActiveRecord
- Subscribed to several social media APIs to validate live streams and social media presence of various esport 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 Active Record 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