David Ross

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Skills

JavaScript, React, Redux, HTML, CSS, SCSS, Ruby, Ruby on Rails, SQL, PostgreSQL, SQLite3, Mongoose, MongoDB, Node.js, Express.js, Webpack, JQuery, Git, Heroku, AWS, Canvas API, Google Maps API, Mapbox API

Projects

More Trails   live site | github

React, Redux, JavaScript, Ruby on Rails, PostgreSQL, CSS3, Mapbox API, Heroku, Webpack, AWS

Full stack single-page app inspired by AllTrails.com

- Built dynamic AJAX functions with React's componentDidMount lifecycle method to reuse React components and display slices of state depending on context.
- Built secure user authentication with customized React Router protected components to deliver a secure and seamless user experience.
- Coupled Amazon Web Service S3 with Rails Active Record to securely host and upload images to the site.

Campfire   live site | github

JavaScript, HTML5 Canvas, CSS3

Browser-based game in which the user avoids rain to keep their campfire burning

- Built out game engine logic using OOP, ES6 classes, request animation, and the HTML5 audio API.
- Integrated HTML5 Canvas API with collision detection event listeners for interactive user experience.
- Utilized CSS keyframe animations with flexbox for responsiveness and visual appeal.

ViewFinder   live site | github

React/Redux, Node.js, Express.js, MongoDB, Mongoose, AWS, CSS3, Heroku, Mapbox API

- Combined GeoJSON data with the MapBox API to correlate photographs with GPS locations.
- Asynchronously uploaded multiples photographs while storing GPS coordinates and ids in MongoDB.
- Configured user authentication with JSON web tokens for secure backend validation.
- Optimized Axios calls and streamlined the Redux cycle with route handlers, Mongoose models, and conditional logic.

Experience

Operations Manager | Jan 2020 – Jan 2021

CVS

- Responsible for efficient and profitable operations of 12M/year business serving the community of Berkeley, CA.
- Hired, trained, scheduled, and managed a staff of 30-35.
- Onboarded team members and developed leadership within the company.
- Played a significant role in developing long term strategic plans and building customer centric company culture.

Operations Manager | March 2015 – Jan 2020

Staples

- Responsible for efficient and profitable operations of 7M/year business.
- Supervised and increased effectiveness and efficiency of operational systems resulting in annual shrink under 3% and year-over-year growth over 5% for 4 consecutive years.
- Hired, trained, scheduled, and managed a staff of 20-25

Education

App Academy | Spring 2021 | San Francisco, CA

Immersive software development course with focus on full stack web development and < 3% acceptance rate.

Pitzer College | Claremont, CA
Crafton Hills College | Yucaipa, CA