

Dalton Kirkpatrick

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San Francisco, CA

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

Skills

React.js, Redux, JavaScript, HTML5, CSS3, Ruby, Ruby on Rails, jQuery, SQL, PostgreSQL, PhotoShop, AWS, Heroku, Webpack, MatLab, AutoCAD, Excel, Google FireBase, Express.js, MongoDB

Experience

Software Engineer | November 2020 - Current

eKidsPower.com

- Maintained ownership over the entire frontend as the sole React developer, implemented features ranging from reusable modals to controlled sign up forms linked to a Moodle SAAS platform.
- Implemented both Stripe and PayPal payment forms for subscription management.
- Managing a team of interns to help teach real work business and technical skills.
- Advised and worked with a team of Moodle developers to create and implement various new technologies into a Moodle LMS platform.
- Organized a comprehensive team of suppliers ranging from game developers and marketing firms to community leaders and influencers.

Delivery Engineer - Data Collection Team | March 2020 - November 2020

Import.io

- Engineered web extractors to navigate and target specific data on a web page and extract information using JavaScript.
- Make complex API calls to bypass browser security protocols and access data objects for deeper extractions.
- Created multiple shared functions for company wide use.
- Learned and expertly navigated a new CLI in a matter of days to create elegant and efficient products.

Projects

Teather (recent)

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

React/Redux, Rails 5, ActionCable, Reis, PostgreSQL, HTML5, JavaScript, CSS3, Webpack, PhotoShop, Heroku

Fullstack project for creating personalized workspaces and chat rooms for instant messaging..

- Designed PostgreSQL database schema and implemented using Rails Active Record ORM, notably applying polymorphic associations for user subscriptions to channels and workspaces for DRY backend code.
- Implemented live chat using the WebSocket API via Rails' Action Cable, enabling real-time messaging without a page refresh.
- Built modals with React, Redux, and CSS3 for optional rendering of forms and sidebars for improved user experience.

MoneyWise

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

React/Redux, Rails 5, PostgreSQL, HTML5, JavaScript, CSS3, Webpack, PhotoShop, AWS, Heroku

Fullstack project creating a website for crowdfunding campaigns.

- Created custom backend routes to optimize database queries and fetch only relevant data.
- Maintained ACID principles by ensuring that all transactions are successfully completed before persisting to the database.
- Leveraged JBuilder and Redux unidirectional data flow to create predictable, normalized state and reliable DOM rendering.
- Utilized higher order React components to render various modals throughout the site to DRY up code.

Super Jelly Hero

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

HTML5 Canvas, JavaScript, Google Firebase, Webpack, PhotoShop

A browser-based 2D platformer with wall-climbing physics built with Javascript

- Applied HTML5 Canvas and JavaScript in order to render levels and player model for end user interaction
- Implemented collision detection allowing players to climb surfaces and jump between platform sides to collect coins
- Utilized Firebase to sync scores to a cloud database for end users to compare their clear times with others