

MAX LIN

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

React.js, Redux.js, Ruby, Rails, JavaScript, HTML, CSS, SQL, GraphQL, MongoDB, Node, AWS, Apollo, Docker, Testing, Engineering, Agile Development, RESTful API

PROJECTS

PINBAN (Rails, ReactJS / Redux, Postgresql, Webpack)

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

An app that replicates the popular visual collaboration tool, Trello

- Constructed an intuitive and elegant UI that houses multiple nested components of boards, lists, and cards that are reused for efficiency.
- Harnessed Redux single-state management to engineer a CRUD functionality through modals, allowing users to create boards and relating properties coherently and intuitively.
- Implemented conditional styling to handle button dropdowns, like using React state or React inline styling.
- Incorporated vanilla dom manipulation methods to keep track of clicking through multiple components on the same page.

DOTIFY (Apollo / GraphQL, ReactJS, NodeJS, MongoDB)

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

An app that was collaborated: heavily utilizes GraphQL and was inspired by the popular music app, Spotify.

- Built custom user authentication pattern that uses jsonwebtoken, bcrypt, validations, and custom GraphQL mutations on the backend, as well as direct writing to an Apollo Client cache and using localStorage on the frontend.
- Implemented a search functionality that fetches information in the database through GraphQL queries, which allows users to search specified album names.
- Leveraged GraphQL, Apollo, and custom mongoDB query functions to simplify data querying and management to return the exact information required, despite highly-relational nature of data in the form of songs, artists, albums, and playlists.

UNJAM (JavaScript, HTML Canvas, Webpack)

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

An interactive version of Unblock Me that uses mostly the canvas HTML element

- Designed custom collision functions to provide a dynamic experience that allows objects in the game to interact.
- Created custom selection of pieces with mouse click position and keypress events to move pieces in a particular direction.
- Built a JavaScript function that utilizes the selection function and checks if the piece can move horizontally or vertically.

MEETIN (ReactJS, NodeJS, ExpressJS, AWS S3, MongoDB)

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

A meeting reservation and planning application that tries to clone Meetup as close as possible

- Designed a visually appealing and responsive process that guides the user through group creation, by rendering each step only when the previous is completed.
- Integrated Datepicker library to organize and filter events by date using an intuitive calendar Interface.
- Incorporated image hosting and fetching abilities with AWS, which allows users to set a profile picture for their group as well as additional photos for their events.

EXPERIENCE

Pot on Fire

High intensity kitchen

May 2016 - Aug 2016

- Managed to keep track of, prioritize and serve 80 hotpots while multitasking in a high pressure kitchen environment.
- Developed client service skills through interaction and servicing restaurant patrons.

EDUCATION

Web Development - App Academy, a 1000-hour immersive full-stack web development intensive course in a fast-paced environment which emphasizes coding style, pair programming, and best practices | 2019 - 2020

BA Marine Science - University of California, Berkeley | 2012 - 2017