

MAX LIN

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

React, Redux, Ruby, Rails, JavaScript, HTML, CSS, SQL, GraphQL, MongoDB, Node, AWS, Apollo, Docker

PROJECTS

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

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

This is an app that replicates the popular visual collaboration tool, Trello

- Pinban utilizes a custom user authentication, involving BCrypt hashing function for the backend while using React protected routes on the frontend to handle sign in and sign up validations.
- Harnessed Redux single-state management to engineer a CRUD functionality through modals, allowing users to create boards and relating properties coherently and intuitively.
- Implemented different methods to gain experience and knowledge to handle button dropdowns, like using inline styling in React or using React state to keep track of button clicks.
- Incorporated vanilla dom manipulation methods to keep track of clicking through multiple components on the same page.

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

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

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

- Meetin houses a built-from-scratch authentication, employing the BCrypt library, which allows hashing before saving the salted password on MongoDB.
- Designed a visually appealing and responsive process that guides the user through group creation.
- 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.

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

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

An app that 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 the Apollo Client cache and using localStorage on the frontend.
- Implemented search functionality across multiple types of data using GraphQLUnionType
- Leveraged GraphQL, Apollo, and custom mongoDB query functions to simplify data querying and management 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 together.
- 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.

EXPERIENCE

Pot on Fire (Chino Hills, CA)

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 | Fall 2019

BA Education - University of California, Berkeley | 2012 - 2017