

PAUL CHO

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[LinkedIn](#)

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SF

SKILLS

Javascript, React.js, Redux, Node.js, Express, Ruby /on /Rails, Ruby, SQL, Git

PROJECTS

Asauna (Ruby on Rails, React/Redux, PostgreSQL)

[Live Site](#) | [Github](#)

Productivity and task management web application.

- Implemented custom user authentication from the ground up with salted/hashed passwords, session generation, and credential validations.
- Built intuitive client side flow to preserve modal state and allow simple integration for new modal workflows.
- Heavily utilized Promise chaining to handle asynchronous actions within Redux.
- Designed task-clearing animation using DOM manipulation.

Liftur (Node.js, Express, React/Redux, MongoDB)

[Live Site](#) | [Github](#)

Mobile application that creates a fitness plan based on user goals and experiences.

- Generated JSON web tokens using randomly generated keys, which removed the need to store sessions in the server.
- Implemented route utilities for protected and authenticated frontend routes by reading authentication information from client state and redirecting users appropriately.
- Selected workout plans in the backend by querying through associated workouts given a user's fitness goal and requested difficulty level.

MuseRuse (Javascript, Canvas)

[Live Site](#) | [Github](#)

An entertaining rhythm-based game, inspired by StepMania.

- Created columns for each key by instantiating multiple overlapping canvases with different id attributes.
- Populated notes with a set velocity to re-render at a new position on canvas per frame update.
- Removed notes on key press by checking the height of the note and manipulating DOM event listeners to clear the canvas.

EXPERIENCE

Clinic Manager

Aug 2018 - Feb 2019

Lead Medical Assistant

June 2015 - Aug 2018

Medical Assistant

June 2015 - May 2019

Pain and Rehabilitative Consultants Medical Group

- Managed a department of 20 medical staff. Developed clinical manuals and trained medical assistants.
- Implemented billing compliance protocols for LC-MS/MS urine drug testing under Medicare guidelines, decreasing claim denials by over 90%.
- Supervised pharmacy operations and ensured compliance to Medical Board of California and Board of Pharmacy regulations.
- Ensured company-wide adherence to new healthcare legislation and best clinical practice.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (August 2019)

University of California, Berkeley - BS - Biology (May 2015)