

SKILLS React.js, Ruby on Rails, JavaScript, jQuery, Ruby, Redux, SQL / Postgres, Git, HTML5, CSS3, Mongoose, Express, Python, Elixir, Phoenix

EXPERIENCE

Full-Stack Software Engineering Lead instructor | (October 2021 - present)

App Academy

- Manage and support a team of 5 teaching assistants to provide them with tools for success in their roles and cultivate a supportive and pleasant work environment.
- Plan and execute the schedule for the entire program to ensure smooth, productive operations.
- Chair lecture team that aims to improve the level and organization of lecture curricula across the program.
- Conduct lectures on topics of varying levels of complexity to ensure students' understanding and success

Full-Stack Software Engineering Junior Instructor | (March 2021 - October 2021)

App Academy

- Support cohorts of up to 50 students as they learn full-stack engineering over the course of the 16-week boot camp
- Write code demos in Ruby and JS in lectures to demonstrate pair programming and support the leading lecturer
- Help students work through complex Ruby on Rails, React/Redux projects by explaining complex engineering concepts

Full-Stack MERN Developer | (October 2020 - February 2021)

FundStory is a full-stack fintech platform designed to provide value at each stage of the funding cycle.

- Built an integration with Quickbooks API to parse the user's financial information and automatically match them with potential investors.
- Implemented automatically scheduled updates from external APIs for all the users in the DB for up-to-date data and a smooth experience for the users.

Manager | (September 2014 - August 2016)

Youth Group Leader | (September 2011 - August 2016)

Green Horizons Outdoor Program

- Orchestrated weekly youth educational activities to foster the development of interpersonal and leadership skills
- Facilitated partnerships and managed logistics with 100+ schools to promote youth programs to 20,000 students which resulted in an increase in program enrollment.

PROJECTS

CouchHunting (Ruby, React/Redux, Rails 5, AWS, PostgreSQL)

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

CouchHunting is a community-based web app inspired by CouchSurfing, connecting travelers around the world.

- Connected Rails Active Storage to AWS S3 for photo storage and organization which reduced server load and increased overall scalability of the application.
- Created a customized search over various tables to allow users to specify their preferences for hosting, using SQL queries for a smooth UX.
- Designed React component that allows users to send messages and booking requests that are stored in a Postgres database for easy retrieval.

Morning-dash (Express, MongoDB, React/Redux, NodeJS, Google Maps/Transit/Calendar API)

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

A customizable dashboard that displays the day's weather, commute, and calendar in a quick format

- Incorporated Google Auth and Google Calendar API to allow users to connect their Google Calendar account to the app and display each day's events on the dashboard.
- Collaborated using Git workflow and GitHub, allowing each team member to work on their features concurrently which enabled us to release a production-level application after one week.

Planet Destroyer (JavaScript, HTML5, Canvas)

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

A smooth shooting game where users can destroy planets to collect coins and progress through the levels.

- Implemented game logic using Vanilla JavaScript and Canvas where a user can shoot, progress through a series of levels, earn extra lives, and collect points via coins that enhanced the UX.
- Built an algorithm for collision detection using Pythagoras to create an accurate collision between circular objects.

EDUCATION

App Academy - Immersive software development course with a focus on full-stack web development (March 2020)