

Erik Elliott

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[LinkedIn](#)

[Portfolio](#)

[Github](#)

SKILLS JavaScript • React • Redux • Ruby • Rails • RSpec • SQL • Git • JQuery • HTML • CSS • AWS S3 • Express

RELEVANT EXPERIENCE

Full Stack Software Engineer

App Academy, Progress Tracker Product April 2020 - Current

- Added new functionality to existing features starting at the Database/backend then working to the client-side rendering and styling to meet internal needs.
- Optimized codebase to reduce superfluous PostgreSQL Database queries by over 90% on an Index page.
- Refactored existing testing suite to accommodate changes to the database which had caused hundreds of failed tests.
- Helped maintain and improve multiple Github repositories used internally by improving workflow and documentation which has helped thousands of students and instructors.
- Created appropriate unit and integration tests for all features worked on to ensure reliable, easily refactored code.

Instructor

App Academy, Jan 2020 - Current

- Planned, researched, and delivered weekly lectures on topics including Ruby, Rails, JavaScript, React, and Redux for up to 60 students.
- Guided students daily through debugging complex technical topics across a stack of 15+ different technologies.
- Managed and oversaw more than 50 Full Stack web app clones and original ideas by providing detailed feedback on system design and the technical processes involved in building the application.
- Directly oversaw a subset of the students from start to finish of the program by providing daily technical seminars on the topic of the day and being the students main point of contact to ensure their success.
- Received over 90% positive daily interaction feedback from students on hundreds of interactions.

PROJECTS

Patio (React • Redux • Ruby on Rails • PostgreSQL)

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

A single-page app where users connect by posting images or statuses and commenting on friends' posts. Inspired by Facebook.

- Added inline edits of comments by incorporating a slice in the Redux state to target a specific comment which provided real-time updating and created a smooth, dynamic user experience.
- Avoided $n + 1$ PostgreSQL database queries for posts and comments by optimizing ActiveRecord associations which created simple SQL queries.
- Integrated AWS S3 with the Rails backend for multimedia storage to optimize scalability and significantly reduce server load.
- Utilized frontend validations to reduce server load and improve performance.
- Leveraged Rails Polymorphic Associations for Likes on Posts and Comments for DRY code.
- Built modals for CRUD actions like edits of user Profiles and Posts to enhance the user experience.

Weave (Node • Express • MongoDB • React-Grid-Layout)

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

An API driven dashboard where users can resize, drag and drop, and interact with multiple social media interfaces simultaneously.

- Incorporated React Hooks into a component to improve code composition and keep code DRY.
- Routed API calls from the frontend to the backend while serving the response data back to the user as needed which avoided CORS and authorization issues.
- Interfaced with multiple social media APIs to provide users with up-to-date information and a responsive interface.
- Implemented draggable and resizable component interfaces using React-Grid-Layout library for increased customization to provide an improved user experience.

EDUCATION

App Academy - Immersive 1000-hour full stack software development course with < 3% acceptance rate (Winter 2019)

University of California at Santa Barbara - BS - Chemistry (2010 - 2014)