

Tommy Ren

[Github](#) [LinkedIn](#) [Website](#)

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SKILLS

JavaScript, React.js, Redux, Ruby, Ruby on Rails, SQL, Git, HTML5, CSS3, AWS: EC2, S3, RDS, Amplify

EXPERIENCE

Full Stack Developer

Canopy Innovations Inc.

Jan 2019 - present

- Engineered a complete overhaul of the company flagship product, Canopy Learn, from a monolithic rails multi page website to an api-based modern single page web application with a responsive frontend powered by React resulting in tripling the company revenue over the previous year.
- Implemented token based authentication through the Devise rails gem that revokes JWT tokens upon logging out for added security to accommodate the new React frontend.
- Incorporated Redux for state management such that the app has a single source of truth to manage and persist complex state information.
- Utilized React Router to seamlessly enable navigation throughout a complex language learning application and created route based utility components that gate-keep content to appropriate users
- Integrated Stripe payments API to facilitate purchasing, invoices, discounts, saving credit card information and more without the need for a large customer support department.
- Deployed the new front end via AWS Amplify service and included automatic deployment from a Github pull request as well as building previews for testing.

Full Stack Developer

Transcendent Endeavors (Parent Company of Canopy Innovations Inc.)

Jan 2019 - present

- Oversaw the development of many early stage healthcare applications in a leadership capacity doing tasks such as sprint planning, scoping, code evaluation and testing.
- Contributed to the software release cycle of applications that are funded by the NIH. Assisted in the technical planning of NIH grants.

Program Instructor

App Academy

Nov 2018 - Jan 2019

- Inspired students to learn Ruby programming by fostering a supportive and exciting learning environment.
- Provided interesting lectures on the basics of Ruby programming to students of various backgrounds

PROJECTS

FacePlace

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

Social Media Website inspired by Facebook featuring single page navigation

- Achieved pixel perfect visual fidelity with the Facebook style through expert use of styling and supreme attention to detail.
- Succeeded in building a minimal viable product clone of facebook with many capabilities such as user profiles, friending, posting, commenting and liking.
- Normalized state and synchronized interdependent data fetching and updating, resulting in a responsive and consistent rendering of component pieces.

EDUCATION

App Academy

- Immersive software development course with focus on full stack web development
- Rigorous program that accepts < 3% of all applicants

State University of New York at Buffalo

Bachelor of Science in Biomedical Sciences - GPA 3.7