

RAZ EFRON

P. 347-510-7949 razefron01@gmail.com [LinkedIn](#) [Github](#) [Portfolio](#) New York

SKILLS

Web Development, Program & Project Management, Program Design, Curriculum Design, CMS & LMS Management, Data Management & Analytics, Sourcing, Training & Facilitation, Technical Writing, AI Optimization

TECHNOLOGIES

HTML/CSS/JavaScript, TS, React, Redux, Ruby/Rails, SQL, Git, MongoDB, Express, Node, AWS, ChatGPT, Co-Pilot

EXPERIENCE

Full-Stack Software Engineering Instructor | Pursuit | 2022 - Present

- Managed 10+ junior developer teams in designing, developing, and deploying code to solve real-world problems using the MREN stack employing Scrum for iterative development to deliver high-quality solutions
- Collaborated closely with curricular product managers and cross-functional teams to deliver new training modules, internal hackathons and more, ensuring alignment with business objectives and timelines.
- Mentored 30+ junior developers, annually, in building scalable and user-friendly applications.

Full-Stack Software Engineering Lead Instructor | App Academy | 2021 - 2022

- Led and mentored a team of five teaching assistants, facilitating their success by equipping them with essential tools and resources. Fostered a collaborative and nurturing work atmosphere conducive to productivity.
- Consistently enhanced and maintained widely used internal tooling.
- Provided comprehensive support to cohorts of up to 50 students navigating a rigorous 16-week full-stack engineering boot camp focused on Ruby on Rails and React/Redux projects.

Full-Stack MERN Developer | FundStory | 2020 - 2021

- Engineered a seamless integration with Quickbooks API, enabling the extraction and parsing of user financial data to facilitate precise matching with potential investors.
- Orchestrated the implementation of automated updates from external APIs, ensuring real-time data synchronization for all users in the database, thereby enhancing user experience and operational efficiency.
- Collaborated with leadership to align development objectives with the overarching vision and strategic direction of FundStory, ensuring cohesion and synergy between technical implementation and business goals.

PROJECTS

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

[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 a 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) [Github](#)

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

- Implemented seamless integration of Google Authentication and Google Calendar API, empowering users to effortlessly synchronize their Google Calendar accounts with the application, thereby showcasing daily events directly on the dashboard.
- Leveraged Git workflow in conjunction with GitHub collaboration, facilitating parallel feature development among team members. This streamlined approach expedited the development process, culminating in the successful release of a fully functional production application within a single week.
- Optimized system performance and reliability, improving throughput and reducing latency by implementing comprehensive testing strategies, including unit tests and integration tests

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.

- Engineered game mechanics utilizing Vanilla JavaScript and Canvas, empowering users to engage in interactive gameplay including shooting mechanics, level progression, bonus life acquisition, and point accumulation through coin collection, thereby elevating the overall user experience.
- Devised a collision detection algorithm leveraging Pythagoras' theorem, ensuring precise collision resolution between circular objects within the game environment, enhancing realism and gameplay immersion.

EDUCATION

App Academy | Completed with Honors: Graduated Salutatorian March 2020

Immersive 4 months software development course with a focus on full-stack web development