

# FRANCESCA DREITH

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[Portfolio](#) | [Github](#) | [Blog](#) | [Linkedin](#)

/\* Full-Stack software engineer with a creative professional background in product marketing and business operations. The combination of my previous career experience and an education in psychology gives me a unique perspective on developing with the user in mind. Dedicated, authentic, and adaptive employee with an interest in learning new programming technologies and growing as a developer at a company where my work can make an impact. \*/

## TECHNICAL SKILLS

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> Javascript	> Ruby on Rails	> SQL	> HTML	> Jira
> React / Redux / Hooks	> C#	> Apollo GraphQL	> CSS	> Github / Bitbucket
> Typescript	> Sinatra	> Hasura	> Docker	> Enzyme

## EXPERIENCE

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### Higher Logic, LLC

Remote

#### Application Engineer

10/2020 - Present

- > Investigate software issues to identify bugs and find code solutions (push minor bugs) or make SQL database changes via SSMS with quick turnaround times.
- > Took the initiative to write console app methods in C# to perform CRUD actions to minimize the direct SQL database changes.
- > Appointed the premier Application Engineer to handle cases that needed to be diagnosed quickly.
- > Helped create a staff tool to add to the admin interface with React frontend, and C# backend.

### Persist Nashville

Remote

#### Software Engineer Volunteer

9/2020 - 10/2020

- > Stack: React, Typescript, Apollo, Docker, and Hasura.
- > Designed and built the database.
- > Built the base of the front-end using React with Typescript and utilizing React Hooks.

### Splor Travel

Remote

#### Software Engineer Intern

7/2020 - 8/2020

- > Stack: React, Typescript, Apollo, Docker, and Hasura.
- > Implemented new features and fixed bugs.
- > Developed integration testing on CRA using enzyme.

### Funkwerks, LLC

Fort Collins, CO

#### Operations Coordinator

12/2013 - 10/2019

- > Grew overall online participation by 62% by launching structured social media campaigns to increase engagement and email marketing campaigns to increase online sales by 564%, and in store sales by 84%.
- > Increased employee satisfaction by increasing health benefits by 80% and implemented creative ways to maintain team cohesiveness and company culture by hosting company events within a strict budget.
- > Directed the marketing, licensing, and compliance of 12 new sales territory launches that grew sales by 24%.
- > Reduced the cost of packaging materials by 29% by evaluating the price and terms from dozens of vendors.

## TECHNICAL PROJECTS

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### Currently Working on: Pet Tracking App | [Github](#)

Communication and tracking tool for households with multiple people caring for a pet, including family, roommates, pet sitters or dog walkers. Updated version of Critter Sitter that I built with Sinatra.

- > Developing using React/Redux, Typescript, HTML, and CSS for the frontend and Ruby on Rails for the backend
- > User Authentication with Bcrypt.
- > Utilized React Hooks and implementing Typescript

### Task Assign | [Github](#) | [Demo](#)

Task management system for teams. Ability to assign tasks to other team members, comment on tasks, and track their progress.

- > Developed using React, Redux, HTML, and CSS for the frontend, with a Ruby on Rails backend.
- > Implemented user sign in with Bcrypt.

### Mindful Journal | [Github](#) | [Demo](#)

A digital journal to help maintain a writing goal with prompts based on a particular mood, and a timer to help the user stay on task. The user can look back at past entries by mood.

- > Developed HTML, CSS, and Javascript frontend with a Rails API backend, with AJAX handled interactions between client and the server, and used JSON as the communication format.
- > Optimized code by using Object Oriented Javascript classes to compartmentalize code.
- > Implemented serializers to streamline code, minimize AJAX calls, and display clean data within the relationships of the models.

### Book Club | [Github](#) | [Demo](#)

A digital book club for users to track books they have read or would like to read, and have discussions surrounding a particular book.

- > Built on MVC framework with Ruby on Rails, utilizing a CSS library and SQLite.
- > Designed validations for user input and class level ActiveRecord chainable scope methods for search abilities.
- > Implemented Devise for User Authentication and Omniauth for third party Authentication with Google.
- > Utilized appropriate restful URLs & helper methods for efficient code.

### Critter Sitter | [Github](#) | [Demo](#)

Communication and tracking tool for households with multiple people caring for a pet, including family, roommates, pet sitters or dog walkers.

- > Designed a Content Management System (CMS) with full CRUD functionality, and Model-View-Controller (MVC) framework using ActiveRecord and Sinatra.
- > Employed password hashing with Bcrypt for user sign in, and validations for uniqueness for user email.
- > Developed validations for uniqueness for user input, and displays validation failures to user with error messages.

## EDUCATION

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### Flatiron School

*Full Stack Web Development - Ruby on Rails, JavaScript, and React*

Remote

12/2019 - 05/2020

### Colorado State University

*Bachelor of Science (BS) in Psychology*

Fort Collins, CO

12/2011