Phillip Hetzel

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Skills

React.js, React Native, Redux, JavaScript, Typescript, jQuery, HTML5, CSS3, Detox, Mixpanel, SQL, Java, Ruby, Ruby on Rails, Material Ui, Bootstrap, Figma

Experience

Software Engineer | November 2021 – February 2023
DocMatter

- Maintained and developed new features across two mobile apps built with React Native, a web app built with React, and a web app built with jQuery and JavaServer Pages. For the majority of the time I was with the company, I was the sole frontend engineer. I frequently switched between applications, often with no prior experience with the project, learned the relevant code and technologies, and completed tasks within set deadlines.
- Given general outlines for a feature, I would design the model and build the back end contract in order to fulfil the requirements while ensuring both that our team was agile and that we could be flexible in the event of changing specifications.
- Assisted in our QA process both through implementing testing libraries as well as working with our team to improve our internal process. For the two React Native apps I accomplished with by incorporating and maintaining the Detox testing library. This enabled us to check all test cases with a few commands, instead of checking each manually, as had previously been the case, greatly increasing our productivity.
- In order to better understand how users interacted with our products, I integrated all of our frontend apps with Mixpanel. I was responsible for modeling all of the events, implementing the Mixpanel code in a modular way, and maintaining Mixpanel as we continued to develop new features. The transition to use Mixpanel led to many realizations regarding room for improvement, such as redoing out login flow to dramatically increase the first time integrating login ratio.

Recent Work

Pure Piece Treats   [Live Site](#)
A web app for a dog treat company.
Frontend - React, Redux, JavaScript , Typescript, Material UI   [github](#)

- There is an admin section, where an authenticated user can control the content of the store, manage and trigger sending a newsletter, and keep track of theirpost-purchase process.
- Communicates with the payment proceesor, Stripe, and a rails api backend, to opperate a n online store.

Backend – Ruby, Ruby on Rails, Devise, Stripe   [github](#)

- For user authentication, I used Devise and jwt-tokens, and only allowed admin access to certain routes.
- The backend handles sending various e-mail templates to a single or set of users, which is triggered by various events. Alos includes unsubscribve functionality where warrented.
- Connected to the Stripe payment processor, including using web hooks, in order to facilitate safe and secure digital marketplace.