Michael Giering

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SKILLS

React.js, Ruby on Rails, JavaScript, jQuery, Ruby, Redux, Express, SQL, Git, HTML5, CSS, GraphQL, Docker, AWS S3, Websockets, RSpec, Capybara

PROJECTS

Sloth   Live Site | Github

Sloth is a messaging app that implements React/Redux, Ruby on Rails, AWS, Draft.js, *and Websockets.*
- Utilized Rails' Action Cable and Redis to create an open connection between users and the server, enabling live broadcasting of messages between users.
- Leveraged the Draft.js library to format the text field, then saved its content as an immutable object using the Immutable library and converted it into html to display formatting for messages.
- Integrated AWS with Rails' Active Storage to allow users to upload profile pictures to the AWS cloud and to create polymorphic associations between users and their respective attachments.

Meetin   Live Site | Github

Meetin is a social media site designed to mimic Meetup, which was created using a MERN stack (MongoDB, Express, React, and Node) and uses AWS to save images.
- Designed built-from-scratch user authentication, employing the BCrypt library, which hashes passwords before securely storing them on the Mongo Database.
- Integrated Datepicker library to organize and filter events by date using an intuitive calendar Interface.

Bitter   Live Site | Github

Bitter is a Twitter clone which was developed using MongoDB, React, Apollo, JavaScript, GraphQL, and AWS
- Configured GraphQL with Node backend, creating a single API end-point allowing more efficient querying of specific information from the Mongo database
- Developed an efficient search component utilizing Regular expression and GraphQL to only fetch users and hashtags from the database that match the search parameters.
- Implemented modal component, which enables communication between components through updates to the Apollo cache.

CutieFont   Github

CutieFont is a Google Chrome extension that styles Slack using Javascript, CSS, and Chrome Storage Sync.
- Processed changes to Slack's DOM using mutation observers to detect when React renders new messages, thereby reducing the amount of resources the extension uses when coloring messages.
- Tabulated message/user ids with associated color ids using Chrome Storage Sync, allowing the extension to format messages with no visible delay after React renders them.

EDUCATION

App Academy   2019 - 2020

Immersive software development course with focus on full stack web development

EXPERIENCE

Department Supervisor   October 2017 - October 2019

The Home Depot
- Managed/developed a team of fourteen people between three departments (paint, flooring, and decor)
- Responsible for weekly, monthly, and quarterly reports. Reports were given during appropriate meetings and information was expected to be passed along to all members of my team.
- Expected to execute and/or delegate plans given by store/regional management.
- Met specific sales goals on a daily/weekly/quarterly basis.