

SKILLS JavaScript, ES6, Node.js, Web Design, React/Redux, Ruby, Rails 5, Rspec, jQuery, SQL, GiT PostgreSQL, Express JS, Mongoose / MongoDB , HTML5, CSS3, Software Engineering

PROJECTS

Mindfulnote | (*React, Redux, Rails 5, React Quill, HTML5, CSS3 and SASS*)

[live](#) | [github](#)

A Single Page Evernote clone where users can write notes, format, tag and organize them.

- Built a secure integrated login system using Rails' MVC framework as a backend API to build form validation and secure password storage utilizing Bcrypt hashing and salting on the back-end. On the front-end building session management and error handling using Redux's state management system.
- Developed a rich-text editing system by creating react form components and integrating the React Quill rich-text plugin, building smart auto saving and state change handling into it.
- Designed and implemented a reusable modular modal and loading system with React/Redux, which streamlines building future modal components for new features.

StockNFO | (*React, Recharts, Styled-Components*) A Responsive stock research application.

[live](#) | [github](#)

- Handles a large amount of data by batching several API calls using JavaScript's fetch methods to IEX. The data is then stored in a flat state using Redux state management. Data fetching is handled using functional React components and hooks.
- Built a responsive line-chart using an external API to fetch stock history. The chart dynamically updates based on user input and is responsive based on user screen size.
- Search element that populates based on both stock name and stock symbol inputs. Search box results can be accessed both with the arrow keys and mouse inputs.

Offshoot | (*React/Redux, ExpressJS, Node, and MongoDB*) A mobile-first story sharing application.

[live](#) | [github](#)

- Designed and implemented a NoSQL database, utilizing Mongoose and MongoDB to create a schema that utilizes embedded data and embedded references to reduce the number of data queries that are necessary to fetch data.
- Created a poly-tree based data system that allows users to branch stories into multiple paths. This makes data retrieval much simpler on the front end and allows for much simpler backend queries.
- Managed the merging and integration of GitHub feature branches, helping to integrate the different React components together and managing the connection between the back-end and front-end.
- Collaborated Implementing the user feature of the website, by creating React components for the website as well as building out the back-end routes for users to login, sign up, and follow stories.

EXPERIENCE

Electrician

All Bay Electric Company

Jul 2014 - Jun 2019

- Managed construction teams in building and remodeling multi-million dollar homes, organizing a team to meet county and city construction ordinances and building regulations.
- Constructed many high priority projects simultaneously while reaching project milestones, all within project timelines and budget scope.

Inventory Specialist

Orchard Supply Hardware

Oct 2009 - Nov 2018

- Developed and implemented merchandising strategies in order to improve high-ticket sales on products with higher profit margins.

EDUCATION

University of Phoenix - BS Information Technology 2011-2015

AppAcademy - 2019 1000-hour immersive full-stack web development intensive with < 3 % acceptance rate