

SKILLS JavaScript, Python, SQL, HTML / CSS, React / Redux, Express, Flask, Node.js, PostgreSQL

PROJECTS

rBoard | (JavaScript, React / Redux, Python, Flask, PostgreSQL, SQLAlchemy)

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

- Developed smooth, draggable UI components in React by monitoring and tracking MouseEvents, manipulating absolute positioning in Styled Components, and storing updated position data in a PostgreSQL database to allow users to customize a persistent layout of elements on their boards.
- Implemented a single-page application in React with one front-end route, providing users with a simple UI where CRUD related actions performed on 4 features occur through the navigation bar or on the board items themselves.
- Designed a toggle-able editing system using Styled Components that mimic the target element in order to seemingly update the contents of a board item directly, in real time, without being taken to other pages or forms.

Pseudogram | (JavaScript, React / Redux, Python, Flask, PostgreSQL, SQLAlchemy, AWS)

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

- Streamlined Redux store state by nesting user image information under the user with eager loading, enabling simpler manipulation of the user image likes and comments during CRUD related actions.
- Used AWS S3 to build a reusable React image upload modal using a custom context provider allowing for easy implementation on any authorized front-end route while also reducing server load.
- Constructed a reusable component to toggle like/unlike status requiring only one prop to dispatch the correct Redux thunk action creator depending on the current Redux store state, facilitating easy implementation into other components on any front-end route or modal tied to an image.

gravyNcurds | (Javascript, React / Redux, Express, PostgreSQL, Sequelize)

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

- Expanded user control by tying a user's check-ins to their account, allowing users to easily retrieve, edit, delete check-ins as needed.
- Restructured the login and signup forms in React with dedicated space for validation error messages using the Express Validator library, allowing users to instantly identify the field with the error and avoid resizing elements as a result of validation errors.
- Created a React component to dynamically update the timestamp display on each check-in with the most pertinent time unit to display, calculated based on the total time since the check-in was created.

EXPERIENCE

Customer Care Manager

Renaissance Solutions

Oct 2019 - Feb 2021

- Developed a centralized customer care department and oversaw the implementation of customer care policies and procedures across three states which enabled customers to report issues / feedback and have them resolved in a timely manner.

Team Focal / Subject Matter Expert

IBM

Jul 2014 - Dec 2016

- Automated seven substantial reporting and email notification processes with VBA scripts in Excel, enabling a team reduction count of two people.
- Drove a 45% reduction in the count of aged incidents in a 16-week period with a combination of automated reporting, notifications, and resolver group education.

EDUCATION

University of Colorado at Boulder - Bachelor of Music in Vocal Music Performance, 2009-2012

AppAcademy - Intensive 1000-hour software engineering course with <3% acceptance rate. With a focus on full stack web development and agile practices, AppAcademy emphasizes coding style, pair programming and design patterns, 2021