KENNETH DONAHUE

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SKILLS JavaScript, Python, SQL, HTML / CSS, React / Redux, Express, Flask, Node.js, PostgreSQL, Sequelize, AWS S3, SQLAlchemy

TECHNICAL 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 making fetch calls to endpoints on a **Python** backend using **SQLAlchemy** to store updated objects 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/UX** to perform **CRUD** actions on **4 features** that occur through the navigation bar and/or board items themselves.
- Designed a toggle-able editing system using **CSS** and **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 **React** component to toggle like/unlike status--requiring only one prop, **Javascript** logic determines which **Redux** thunk action creator to dispatch making the component easy to implement.

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

- Expanded user control by tying a user's check-ins to their account through relational tables in **SQL** and eager loading of that data with **Sequelize**, allowing users to easily retrieve, edit, and 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** and **Javascript** regular expression checks, allowing users to instantly identify the field with the error and avoid resizing elements as a result of validation errors.
- Created a **React** component with **Javascript** conditionals 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.

WORK 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.

General Manager, *Terrapin Care Station*   *Nov 2018 - Oct 2019*

- Transitioned facility from medical-only, to dual-use by facilitating compliance with robust new regulations and training staff for working under two different regulatory environments with a focus on customer service.

Assistant Store Manager, *Terrapin Care Station*   *Aug 2018 - Nov 2018*
Supervisor, *Terrapin Care Station*   *Mar 2018 - Aug 2018*
Retail Associate, *Terrapin Care Station*   *Jun 2017 - Mar 2018*

Team Focal / Subject Matter Expert, *IBM*   *Mar 2018 - Dec 2016*

- **Automated 7 substantial reporting and email notification processes** with **VBA scripts in Excel**, allowing the company to reallocate valuable resources to another team.
- 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

AppAcademy - *Full-Stack Software Engineering*   *2021*
- *Relevant Coursework: Object Oriented Programming (OOP), Test Driven Development (TDD), Coding Best Practices, Systems Design & Architecture, Data Structures, Algorithms, Agile/SCRUM Methodologies*

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