

JASON CAHELA

WEB DEVELOPER

(808) 351-6419 [Github Profile](#) [LinkedIn Profile](#) [Personal Site](#) jpacahela@gmail.com

SKILLS JavaScript, Python, React, Redux, HTML5, CSS3, SQL, Git, PostgreSQL, Express.js, Sequelize, Flask, SQLAlchemy, AWS (Amazon Web Services), APIs, WebSockets, Node.js, Jinja, Pug

TECHNICAL EXPERIENCE & PROJECTS

Discourse (React, Redux, AWS, Socket.io, Express, Sequelize, Node, PostgreSQL)

[Live Site](#) | [Github](#)

A true to form, single-page clone of the popular chat application Discord, including Servers, Channels, Messages, and Friends.

- Constructed a friend request system with **React** conditional rendering and **Socket.io** methods to the backend that allows logged in users to send and receive friend requests in real-time and update friends lists as users accept/decline their requests
- Designed custom, reusable **React** components with prop threading for Server and Channel **Redux** objects so the application's displayed content will change depending on which server/channel the user clicks on, resulting in a single-page experience
- Implemented server-side validation for user auth, Discourse Server, Channel, and Message entities by leveraging custom **Express** validators to limit the character length of these entities and prevent them from being created/edited with empty or all-space values
- Demonstrated **CSS** expertise with **Flexbox**, positioning, and conditional class names to create a near replica of Discord's styling and layout from a **UI/UX** perspective

Finstagram (Flask, AWS, SQLAlchemy, Docker, React, Redux, PostgreSQL)

[Live Site](#) | [Github](#)

A social media JSPY application made in the design of Instagram in collaboration with two other developers

- Spearheaded management of the Github repository and issue workflow with automated Kanban board task creation to streamline the process of multiple developers working on various website features in tandem during a 1-week sprint
- Incorporated **AWS** (Amazon Web Services) **API** for user image upload on Posts to reduce load on the backend database and increase scalability of the application
- Designed social media follower and following functionality using a **PostgreSQL** many-to-many self-referential table relationship between the Users database table and itself, allowing accessibility to lists of other followed/following users in each user object
- Rendered feed page to showcase images, gifs, and videos conditionally by using conditional **React** JSX component rendering based on the file extension retrieved from the file link stored via **AWS**

Barhoppr (React, Redux, AWS, Sequelize, Express, PostgreSQL)

[Live Site](#) | [Github](#)

A drink check-in platform that allows users to create and share their favorite drinks

- Designed the bartop/wood theme of the website using **Figma** and plain **CSS** to fit with the style of the website's content (a pub/bar scene), with a centralized action button upon logging in to focus the user's attention on the Check-in functionality
- Implemented **React** context with a context variable that represented the drink selected so that clicking on a plus button on a specific drink card would open an ancestor Check-in form modal component with that drink's information pre-filled
- Constructed a modal search bar with autocomplete using **Redux** state and conditional rendering of the drinks list based on user input so that users can see drink suggestions when they start typing in the search form

ADDITIONAL WORK EXPERIENCE

Omnitracs, LLC - Technical Support Specialist, Dallas, Texas

June 2018 – May 2021

- Increased email case usage among clients by **34%** by decreasing turnaround time of email cases from **3 to < 1 business days** after creating a dedicated 2-person email team in partnership with the department team lead; growing the team by 200%
- Improved efficiency of support associate and new hire training by authoring best-practice documents on the Camera Event Video product, freeing up resources by reducing the need for additional classes
- Communicated real-time customer impact during mission-critical technical outages between Tier 2 engineering, Network Operations, and executive-level impacted customers in order to verify fixes and swiftly notify internal teams of results

EDUCATION

[App Academy](#) - Full Stack Web Development, San Francisco, California

June 2021 – Nov 2021

- Relevant Coursework includes: JavaScript, Python, React, Redux, CSS, Express, PostgreSQL, TDD, scalability, single-page apps, REST, security, error-handling, Agile Methodologies/SCRUM, Systems Design & Architecture, Data Structures, Algorithms

The University of Hawaii at Manoa - Honolulu, Hawaii

- *Bachelor of Arts in Psychology (Cum Laude, Honors Graduate in Behavioral Neuroscience Research)*

Class of 2015