

# Jason Cahela

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**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 have their friends list updated 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**

**Barhopprr** (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 business days to less than 1 business day after creating a dedicated 2-person email team in partnership with the department team lead, resulting in a growth in the email case team from 2 to 6 members
- Authored best-practice documents on the Camera Event Video product which were utilized by other support associates and new-hire employees for training, which supplanted the need for additional training classes presented by Tier 2 agents on the Camera Event Video product
- Verb Liaison -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 whether fixes implemented by the engineering team were successful, and notify results of potential outage fixes to the internal teams

## 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