Owen Iwamasa   Software Engineer

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SKILLS

JavaScript, TypeScript, React, Redux, Python, Node.js, Ruby on Rails, Express.js, Flask, Sequelize, SQL, PostgreSQL, GraphQL, REST APIs, Git, Agile Software Development, Jest, RSpec

PAST EXPERIENCE

Frontend Engineer | *Mathison* | *TypeScript, React, Ruby on Rails* | February 2022 - December 2022
- Utilized **React**, **Apollo GraphQL**, and **Material UI** to build Mathison's Equity Index assessment and DEI score analysis dashboard to assist clients in identifying their strengths and opportunities for improvement.
- Created surveys with **Alchemer's** 3rd party API, saved survey responses in **PostgreSQL**, and sent data to a **React** application with **Ruby on Rails'** scripts and **GraphQL** endpoints.
- Researched and integrated **React Spring** to animate graph components and enhance the UX for users analyzing their Equity Index assessment scores.
- Integrated **Swiftype** with **DatoCMS**, **React**, and **Zapier** to enable search functionality and improve the navigation UX of Mathison's Knowledge Center application.
- Participated in agile software development in a multi-disciplinary team to deliver features over two-week sprints through collaboration and peer reviews, utilizing tools such as **Jira**, **Figma**, and **Github**.

React Developer (Freelance) | *Krool Toys* | *JavaScript, React, Hygraph* | November 2022 - December 2022
- Designed and built Krool Toys' portfolio website using **React** and **JavaScript.**
- Integrated **Hygraph's** content management system to give the client the ability to easily update, remove, or add new content.
- Implemented **AOS** React library to animate components and trigger animations by user scrolling.

Frontend Developer (Volunteer) | *Reclaim Foundation* | *JavaScript, React / Redux* | October 2021 - February 2022
- Designed and implemented an admin management page using **React**, **JavaScript**, and **CSS** to manage users, comments, communities, and posts.
- Queried paginated lists by utilizing limit and after_id params in **API** requests to **Flask** / **MongoDB** backend.
- Collaborated with the team in coordination with an agile system to receive work assignments, report progress, and launch completed features of the web application within a sprint.

PROJECTS

Canvas | *React / Redux, Python / Flask, Javascript, AWS S3, SQLAlchemy, PostgreSQL, CSS3*   **Live | Github**
- Created personalized 'Artist Pages' using vanilla **CSS** and a header image to showcase each artist's unique style.
- Connected **Flask** backend to **AWS S3** for scalability by utilizing Cloud storage and enhancing the user experience by allowing users to upload image files easily.
- Utilized **React** component architecture to efficiently develop form modals for reuse throughout the application.

Hullabaloo | *React / Redux, Javascript, Express, PostgreSQL, Heroku, CSS3*   **Live | Github**
- Created an event listener for **HTML** audio player that increments podcast and episode play counts.
- Implemented followers with a following count for podcasts by connecting users and podcasts in a **PostgreSQL** database table.
- Designed a dynamic home page with **JSX conditional rendering** to display 'followed' podcasts and / or search results, when either exists.

EDUCATION

AppAcademy - *Full Stack Software Engineering*   2021
- Relevant Coursework: JavaScript, Python, React / Redux, Node.js, Data Structures & Algorithms, Object-Oriented Programming, Testing, Internet Protocols, Git

City College of New York (University) - *BA Economics*   Graduated 2019
New York University - *Undergraduate Education*   2013-2016