Ian Kaneshiro

Full Stack Software Engineer

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TECHNICAL SKILLS

Languages: Javascript, Python, SQL, HTML5, CSS3

Frameworks/Tools: React.js, Redux, Express.js, Flask, Sequelize, SQLAlchemy

PROJECTS

KanDiscer (SQLAlchemy, Flask, React, Redux, MapBox, Javascript, Python, AWS)   [**Live**](#) | [**GitHub Repo**](#)

Designed to elevate disc golfers' game. Create/manage your bags, discover new discs, and navigate courses.

- Incorporated **MapBox's Javascript library** to allow users to preview layouts of courses, as well as navigate courses using live GPS positioning, enhancing the overall user experience (UX).
- Utilized **Recharts** library to generate a visual representation of the flight path of each disc., empowering users to pinpoint areas for improvement in their bag design.
- Designed a filters menu leveraging **SQLAlchemy's** filters, enabling users to effortlessly refine their search criteria by manufacturer and flight characteristics.
- Created a search bar using a **debouncing** technique to minimize unnecessary API calls, resulting in a smoother and more efficient UX.

Jeanak Eats (SQLAlchemy, Flask, React, Redux, Javascript, Python, AWS)   [**Live**](#) | [**GitHub Repo**](#)

Inspired by UberEats. Create, manage, and explore restaurants and their dining options.

- Leveraged **AWS S3** for the direct upload and retrieval of images, enhancing user experience and ensuring future scalability.
- Designed and implemented a **Flask** and **SQLAlchemy** based **RESTful API** for efficient JSON data exchange.
- Engineered a real-time store availability algorithm, dynamically calculating store hours vs the current time.
- Implemented a **feature branch Git workflow** to foster effective team collaboration and mitigate merge conflicts, ensuring efficient and on-time project completion.

WORK EXPERIENCE

Lead Merchandiser | Lowes, Oregon   **Jul 2015– Present**

- Led and managed a team of 14 to consistently deliver high-quality results, performing in the top 3 stores in the district while remaining flexible to changing priorities and responding quickly and efficiently to pivot plays by senior leadership.
- Mentored team members on best practices for ensuring safe and enhanced customer experiences, increasing sales by 5% in optimized areas.
- Coordinated large-scale department resets and overhauls against strict deadlines while upholding a strong standard of excellence.

EDUCATION

App Academy   **Oct 2022 – Nov 2023**

- Intensive 1000-hour immersive full-stack web development boot camp.