

Vernyoon Chao

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SKILLS JavaScript, React, Redux, Node.js, Express.js, Python, Flask, SQLAlchmey, jQuery, TDD, HTML5, CSS3, SQL, Docker, Git

PROJECTS

Friendbook

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

(Python, Flask, SQLAlchmey, JavaScript, React / Redux, HTML5, CSS3, Node.js, PostgreSQL, AWS Upload, WebSocket, Docker)

Facebook clone to create new connections and share your day to day life events by creating a post.

- Utilized Web-Socket to update real-time on all CRUD features while using Friendbook.
- Employed a normalized store using React/Redux to optimize web performance and reduce server load.
- Incorporated CSS to design an intuitive and fast navigation throughout the website.
- Implemented a dynamic search feature in order to search users fast with Redux.

Komication

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

(Python, Flask, SQLAlchmey, JavaScript, React / Redux, HTML5, CSS3, Node.js, PostgreSQL, AWS Upload, WebSocket, Docker)

Discord clone to create a community with live communication between users.

- Cooperated with 3 other SWE, utilizing github to create an efficient workflow to avoid any merge conflicts.
- Incorporated Web-Socket to implement a real-time live chat between users.
- Leveraged BCrypt to create secure encryption for passwords and validate user credentials in both frontend and backend.
- Constructed Modals for CRUD actions for servers, channels and direct inboxes to enhance user experience.

Beatscloud

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

(JavaScript, Express, Sequelize, React / Redux, HTML5, CSS3, Node.js, PostgreSQL, AWS Upload)

Soundcloud clone where users can stream/upload music, create a playlist with your favorite music and create a community.

- Integrated React Player to play uninterrupted seamless music during navigation.
- Leveraged custom event listeners and the Redux cycle to dynamically sync audio waveforms and play-pause toggle buttons with music player.
- Utilized AWS S3 to implement user audio uploads reducing server load.

EXPERIENCE

Poke Salad Supervisor

Alameda, California, June 2018 – December 2021

- Took initiative to bear any responsibilities that would fall under manager role such as managing inventory with a google spreadsheet.
- Led training of new hires to give customers the best quality of customer service.
- Worked with a team on a daily basis to ensure a seamless workday by communicating our daily task and goal.

EDUCATION

App Academy

San Francisco, California, January – June 2022

Immersive software development course with focus on full stack web development (Python and JavaScript)

College of Alameda (Community College)

Alameda, California, May 2016 - June 2019

Pursued Associates of Science in Mathematics

Relevant courses: Intro to Java, Calculus, Discrete Mathematics