

Kevin Tsou

Software Developer

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

Los Altos, CA, 94022

SKILLS

Languages: JavaScript, Node.js, Python, SQL, HTML, CSS

Frameworks/Tools: React, Redux, Express, Sequelize, Flask, SQLAlchemy, PostgreSQL, SQLite3, Docker

Key Skills: Git, pair programming, Agile development, Scrum methodologies, object-oriented programming

PROJECTS

Linkit (Flask, ReactJS, Python, JavaScript, SQLAlchemy)

[live](#) | [github](#)

A recreation of the popular social media website, Reddit

- Developed a single page web application built using functional React components that utilizes Redux to manage state and persist data between components.
- Create custom Modal context for use in frontend components allowing for streamlined React component development.
- Developed an intuitive frontend where users can interact seamlessly with the UI.
- Designed a RESTful API and used it to implement the communities, posts, comments, and votes features.

Buy-KTsy (Flask, ReactJS, Python, JavaScript, SQLAlchemy, Docker)

[live](#) | [github](#)

E-commerce website based off of Etsy

- Wrote RESTful API routes for products and reviews features allowing users to create, read, update and delete their own products and reviews.
- Improved efficiency of feature CRUD operations by designing normalized data in Redux State Shape.
- Implemented dynamic search bar for smooth user experience when searching for products.
- Managed project workflow and deployment with collaborators through git.

Clonebnb (Express, ReactJS, JavaScript, Sequelize, PostgreSQL)

[live](#) | [github](#)

A clone of the short term rental housing E-marketplace, Airbnb

- Managed user rentals, reviews and booking CRUD with database operations using the Sequelize ORM.
- Built both frontend and backend custom error handling to protect the database from unexpected user data inputs.
- Developed Postman tests for backend API routes, optimizing debugging workflow and ensuring accurate route handlers.
- Created a user friendly experience with vanilla css for ease of use.

EDUCATION

Web Development - App Academy | Spring 2022

- Utilized version control systems like Git and Github to manage and track project code, fostering a collaborative and organized development flow
- Collaborated continuously through daily pair programming sessions

BA Economics - University of California, Santa Barbara | 2020

EXPERIENCE

Cashier

Whole Foods Market

Oct 2016 - Jan 2019

- Provided exceptional customer service while accurately and efficiently entering sales at the cash register.
- Made deliveries while communicating with clients, allowing for just-in-time purchase orders.
- Trained 10+ new employees on how to operate POS machines and produce PLU codes.