

# Jung Gu

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**Programing Languages:** JavaScript, Python, CSS, HTML5

**Frameworks and Tools:** React, Redux, Flask, SQLAlchemy, Express, Sequelize, Git, Docker, Render, Heroku, PostgreSQL, SQL, Shopify, WooCommerce

## PROJECTS

**Zelp Project** (JavaScript, Python, ReactJS, Python, Redux, Flask, SQLAlchemy, PSQL)

[Live](#) | [GitHub](#)

Fullstack clone of Yelp.com, a popular application for discovering new restaurants.

- Demonstrated my ability in code building and object-oriented programming by implementing **Python** in combination with **SQLAlchemy** to design and implement complex database **schemas** to store and manage user data in the application's database.
- Utilized the **useState hook** in React to implement a dynamic data-animation that tracks the cursor and improves user experience.
- Developed custom **React** components and implemented **Redux actions** and **reducers** to handle data updates and user interactions.
- Implemented an intuitive **search bar** that dynamically filters through backend requests by restaurant name.

**Klickr Project** (JavaScript, Python, ReactJS, Redux, Flask, SQLAlchemy, PSQL)

[Live](#) | [GitHub](#)

Full stack clone of Flickr.com an image hosting site for users to explore photos.

- Utilized **Flask** and **SQLAlchemy** to develop a **Restful** backend server with responsive API's and data pertaining to images, reviews, and tags for frontend client-side requests.
- Collaborated with a team of developers to produce a **fully functional** application by managing an efficient **Git** workflow of push/pull requests and implementing **SCRUM** principles.
- Oversaw **CSS** designs ensuring the implementation of a visually appealing and impactful styles using **Flexbox** properties.

**Justbnb Project** (JavaScript, ReactJS, Redux, Express, Sequelize, NodeJS, PSQL)

[Live](#) | [GitHub](#)

Full stack clone of Airbnb.com, online platform that connects travelers with hosts who offer unique accommodations.

- Incorporated **CSRF** protection and **authentication** measures to safeguard user privacy and enable users to view and manage their own data such as Booking reservations and spots while logged in.
- Built relationships in key databases and **Restful APIs** by using **Sequelize**, **NodeJS**, and **Express**.
- Implemented **ternary logic** to conditionally render update and delete buttons to improve user experience

## EXPERIENCE

Enchem / **Assistant**

Oct 2020 - Nov 2021

- Implemented a new shared calendar which improved **productivity** by 20%.
- Improved **communication** and collaboration with clients by **translating** and scanning 50 pages per week from English to Korean

EcoKeeper LLC / **Marketing Analyst**

Feb 2018 - Sep 2020

- Implemented new photo editing software solutions, such as **Adobe Lightroom** and **Canva**, resulting in a 15% improvement in image quality and efficiency, as compared to previous software, PhotoScape.
- Successfully managed and updated online sales **operations** on eBay, Amazon, and Eco-keeper's website, resulting in a 20% increase in online sales.

## EDUCATION

**App Academy** - Full-Stack Software Engineering Bootcamp Graduate

Mar 2022 - Nov 2022

**Georgia State** - Coursework Only in Business Administration

Nov 2014 - Jun 2017