

# James Lee Full Stack Software Engineer

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**SKILLS** JavaScript / TypeScript, Node.js, Python, Next.js, React, Redux, Express, SQL, Sequelize, Flask, PostgreSQL, HTML, CSS

## PROJECTS

**ReserveTable** | JavaScript, Python, Flask, React, Redux, SQLAlchemy, PostgreSQL, HTML, CSS

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

*A full-stack, pixel-perfect clone of OpenTable where users can search restaurants and make reservations - Sole developer*

- Created seamless transitions between components through **React/Redux** lifecycle hooks, props, and URL search params.
- Implemented custom search functionality using **Redux** state management allowing users to search for restaurants based on restaurant name, location, or cuisine.
- Ensured user privacy through **Flask-Login** authentication as well as **React** frontend form validations, allowing users to view and make changes to only their own reservations when logged in.
- Utilized the **dayjs** **NPM** package to manipulate and format the date object allowing users to view reservation times according to their local time zone.

**Ayrbnb** | JavaScript, Express, Sequelize, React, Redux, PostgreSQL, HTML, CSS, GoogleMaps API

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

*A full-stack, single-page application clone of Airbnb where users go to host their homes or find vacation rentals - Sole developer*

- Utilized **Sequelize** ORM to create custom **SQL** queries to extract data from multiple tables in a single query via eager loading with **SQLite3** database in development and **PostgreSQL** in production.
- Integrated the **GoogleMaps API** utilizing **Redux** to make the **API** key available across the entire application while restricting its use by only authorized urls.
- Built a secure user authentication system utilizing **Bcrypt** to salt and hash passwords, strengthening the protection of user data.

**CodeBunny** | JavaScript, Python, Flask, React, Redux, SQLAlchemy, PostgreSQL, HTML, CSS

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

*A full-stack application inspired by the TaskRabbit website where users can hire coders based on skills - Contributing developer*

- Collaborated with a team of 4 engineers as the frontend lead, utilizing efficient **Git** workflow and pull requests to minimize potential merge conflicts.
- Designed custom backend routes to fetch appropriate data from **Postgres** relational database.
- Implemented multiple many-to-many backend relationships and optimized database usage by observing **SQL** and **Active Record** best practices with **SQLAlchemy** and **Flask**.

## EXPERIENCE

### Software Engineer

*Chingu*, May 2023 - May 2024

- Collaborated within a team of 4 to 5 engineers, actively participating in agile development processes and delivering web applications in 6-week sprints, effectively gaining valuable hands-on experience in the software development field.

### Pharmacy Informatics - Systems Analyst (Contract)

*Kaiser Permanente*, Oct 2015 - May 2016

- Provided hardware and software technical support and training to pharmacy personnel at 100+ pharmacies nationwide.
- Utilized an IT ticketing system (Remedy) to document each incident resolving up to 30 tickets per day.
- Properly escalated high incidents of network computing problems to a national service desk.

### Pharmacy Technician

*Pride Medical, Inc.*, July 2014 - May 2015

- Initiated prior authorizations (ePA) using proper diagnostic codes (ICD-9 & ICD-10) to obtain medication for patients.
- Prepared IV and IVIG medications for onsite IV suite of infusion treatments for 10+ patients per week.
- Maintained proper inventory of all medications including scheduled/controlled medications by conducting monthly audits.

### Pharmacy Technician

*Kroger Pharmacy*, Jan 2010 - Jan 2014

- Assisted the pharmacist in filling and dispensing prescription medications.
- Ensured 100% accuracy of all controlled medications by conducting monthly audits.
- Collaborated with the pharmacy team to provide exceptional customer service and address patient medication inquiries.

## EDUCATION

**App Academy** - 1000+ hour immersive software development course with a focus on full-stack web development (2022)

**Georgia State University** - Credits towards a Bachelor of Science in Biology

## LICENSURE

**Real Estate Salesperson License** issued by the State of California DRE 2022 - 2026