

# James Lee Software Engineer

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Los Angeles, CA

## SKILLS

JavaScript, Python, Node.js, SQL, React, Redux, Express, Sequelize, Flask, SQLAlchemy, PostgreSQL, HTML, CSS, Git

## 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.*

- Created seamless transitions between components through React/Redux lifecycle hooks, props, context, 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 frontend and backend authentication measures, allowing users to only view and make changes to their own reservations when logged in.
- Utilized the days npm package to manipulate and format the date object according to the local time zone.

**Ayrbnb** | JavaScript, Express, Sequelize, React, Redux, Postgres, 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.*

- Created custom Sequelize queries and reduced server load to extract data from multiple tables in a single query via eager loading.
- 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.*

- Collaborated with a team of 4 engineers, 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 a custom search feature using Redux state allowing users to search for coders based on keywords.

## EXPERIENCE

**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's) using proper diagnostic codes (ICD-9 & ICD-10) in order to obtain medication for patients who required such insurance approvals.
- 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.
- Generated weekly Georgia Prescription Drug Monitoring Program reports and analyzed patient data to monitor for potential prescription misuse.

## EDUCATION

**App Academy** - Immersive software development course with focus on full stack web development (Dec 2022)

- ❖ 1000+ hour intensive full-stack web development program

**Georgia State University** - Credits towards a Bachelor of Science in Biology (2005 - 2008)

## LICENSURE

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