

# KEVIN BAIK

## FULL STACK SOFTWARE ENGINEER

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**LANGUAGES:** JavaScript, Python, SQL, HTML5, CSS3, MATLAB

**DATABASES:** PostgreSQL, SQLite

**FRAMEWORKS:** React, Redux, Node.js, Express.js, Sequelize, Flask, SQLAlchemy

**TOOLS:** AWS (S3, Lambda, Amplify, EC2), Docker, Websockets, Mocha, Alembic, OAuth

**OTHER:** Object-Oriented Programming, Functional Programming, Pair Programming, Test-Driven Development, Agile and Waterfall Project Development, Figma, dbdiagram

## PROJECT EXPERIENCE

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### Rishy >>

[Github](#) > [Live](#)

- Integrated cloud object storage (AWS S3) to allow users to securely upload, store, and access large volumes of data (specifically image and mp3 files).
- Implemented OAuth3 authentication to streamline user sign-in and registration processes using Google login for secure and convenient access, enhancing the user experience by enabling one-click sign-in.
- Organized and utilized a Software Development Life Cycle (SDLC) to ensure efficient production time by compartmentalizing project development into five distinct phases: System Requirements and Analysis, Design (Figma/dbdiagram), Implementation (React/Flask), Testing, and Deployment (Render).

### Petsy >>

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- Collaborated on a shared code repository, utilizing feature branches to maintain modular and scalable code, ensuring each project component was developed in isolation for optimal functionality and integration.
- Proactively refined UI/UX by developing user-friendly features such as a functioning search bar, category tags, and user likes using a React frontend, with a Python backend (Flask) and ORM (SQLAlchemy).
- Engaged in frequent pair programming sessions, providing critical debugging and problem-solving support for code written by other peers, enhancing overall team efficiency and code quality.

### Seedbnb >>

[Github](#) > [Live](#)

- Engineered a clone of Airbnb by using JavaScript for a backend framework (Express) and an Object-Relational Mapping tool (Sequelize).
- Utilized Redux for state management in a large-scale React application, leading to more predictable and maintainable state across various components.
- Leveraged a 3rd party API (Google Maps) to allow users the ability to set specific locations, substantially enhancing product accuracy and enriching user-experience.

## WORK EXPERIENCE

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### Intercare Therapy *Behavior Therapist* > San Bernardino, CA

October 2019 – January 2023

- Developed strong observational skills in order to collect, record, and analyze precise data on client skill acquisition and behavior reduction goals.
- Learned effective communication skills from talking to parents and caregivers regarding client progress.

### UC Irvine Sleep and Cognition Lab > Irvine, CA

*Research Assistant*

September 2018 – September 2019

- Contributed to a laboratory setting by engaging in a variety of tasks including helping to facilitate experimental procedures (polysomnography), performing data coding and analysis using MATLAB, as well as recruiting and screening potential participants.

## EDUCATION

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University of California, Irvine >> Bachelor of Arts in Psychology

June 2019

App Academy >> Full Stack Software Engineering

October 2023