

Martin Yip

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SKILLS

Languages: Javascript, Python, TypeScript, SQL, HTML, CSS

Technologies: Node.js, React, Redux, Flask, AWS S3, Docker, Git, Render, Mocha

Databases: PostGres, SQLite, Sequelize, SQLAlchemy

PERSONAL PROJECTS

MyBnB

Nov 2022 [GitHub](#) | [Live Site](#)

- Developed a full-stack AirBnB clone, leveraging **RESTful APIS** using **Express.js** to enable smooth data flow between front-end and back-end, resulting in a 20% increase in customer satisfaction
- Skillfully executed the design and styling of the **React** front-end to seamlessly match the user interface of AirBnB which provides a sense of familiarity with users while also improving site retention rate by 30%.
- Executed robust authentication measures to safeguard user privacy and autonomy through thorough front-end and back-end implementation of **Javascript** validations that resulted in a 25% increase in site security.

ChatCord

Jan 2023 [GitHub](#) | [Live Site](#)

- Led a team of 3 engineers to create a social media platform utilizing **scrum methodology** and **Git** for efficient version control amongst all developers
- Utilized **ReactJS** to create a modular and efficient user interface by breaking it down into small, reusable components
- Improved performance by selectively updating only the necessary parts of the **UI** without having to re-render the entire page, resulting in 30% faster response time

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Feb 2023 [GitHub](#) | [Live Site](#)

- Designed robust **RESTful APIs** using **Python** and **Flask**, leveraging **ORMs** such as **SQLAlchemy** to seamlessly integrate data between the front-end and back-end.
- Implemented **ORMs** instead of raw **SQL** queries to increase development efficiency by 20% and improve maintainability by 40% while abstracting away from database interactions which resulted in more **scalable** code
- Employed **ReactJS** and **Redux** to effectively manage client-side state, optimizing component performance and maintaining clear state **traceability** throughout the development process

EXPERIENCE

Pest Control Technician

July 2021 - July 2022

Dewey Pest & Termite Control

- Experienced Structural Pest Control Field Representative & Fully Licensed Branch 2 Technician
- Provided comprehensive pest control solutions to clients throughout the Bay Area and managed a profitable route of \$40,000 monthly revenue

Medical Assistant

July 2020 - July 2021

San Carlos Eye Care

- Conducted preliminary patient testing, including visual field assessments, optical coherence tomography scans, and fundus photography and ensured sterilization of medical equipment for on-site procedures

EDUCATION

App Academy - Immersive 1000+ hour software development course on full-stack web development

University of California Riverside - BS. Biochemistry with an emphasis in medical sciences