

# TREVOR IRVING

## FULL STACK SOFTWARE ENGINEER WITH QUALITY ASSURANCE BACKGROUND

trevirv@gmail.com \ (415) 328-4237 \ [LinkedIn](#) \ [Github](#) \ [Portfolio](#) \ Alameda, CA

---

Innovative Software Engineer with a background in full-stack web development and over 12 years experience as a Quality Assurance Manager.

**Programming Languages:** JavaScript | Python | SQL | HTML

**Key Skills:** React | Redux | Express | Flask | Sequelize | SQLAlchemy | SQLite | PostgreSQL | AWS | Docker | Github | Pair Programming | Test-Driven Development (TDD) | Object-Oriented Programming (OOP) | Scrum Methodologies

## TECHNICAL PROJECTS

---

**TopSpots** | React | Redux | JavaScript | Python | Flask | SQLAlchemy | AWS | HTML | CSS [Github](#) \ [Live](#)

- Built a backend using Flask, allowing for easy handling of HTTP requests and routing, and deployed SQLAlchemy for efficient database management and communication for easy retrieval and editing of data.
- Engineered CSS Flex layout resulting in intuitive and visually appealing user interface with equipped animations that enhance user experience.
- Implemented AWS S3 for storing and managing project images, allowing for easy and efficient storage and retrieval of images.

**TuneTrax** | React | Redux | JavaScript | Python | Flask | SQLAlchemy | AWS | HTML | CSS [Github](#) \ [Live](#)

- Collaborated with a team of five members to successfully deliver projects on time, engaging in daily standup meetings, and implementing Github project management strategies.
- Integrated WaveSurfer API to dynamically generate and synchronize audio wave images with song playback in TuneTrax project, improving user experience and functionality.
- Implemented Agile methodologies in project development and team meetings, ensuring the successful delivery of top-quality products that consistently met project specifications.

**TrevBnB** | React | Redux | JavaScript | Express.js | Node.js | Sequelize | HTML | CSS [Github](#) \ [Live](#)

- Spearheaded the development of TrevBnB platform using React, Express.js, and Node.js, facilitating property listings for rentals.
- Implemented seamless integration of Sequelize database with RESTful API for TrevBnB platform, enabling users to easily manage spots, bookings, reviews, and images.
- Utilized Sequelize migrations to streamline database schema changes, leading to a 15% increase in development efficiency.

## WORK EXPERIENCE

---

**Quality Assurance Manager** | Five companies across six industries, international and domestic business **2011 - 2023**

*Albertsons Companies, Traditional Medicinals, Edlong Flavors, Treehouse Foods, Mondelez International*

- Conducted over 250 supplier certification audits for new domestic and international suppliers, assessing risk and ensuring compliance with company standards, resulting in approvals and disqualifications while following auditing best practices.
- Developed and launched a company-used supplier complaint system for reporting complaints, leading to \$8.2M in confirmed credits received in the first year of its inception.
- Led a Lean Six Sigma project that reduced consumer complaints by 50% within a year, collaborating with cross-functional teams and driving organization-wide implementation of successful strategies.

## EDUCATION

---

**App Academy** \ Full Stack Web Development **August 2023 - March 2024**

- **Relevant topics:** RESTful API, Product Development, Database Design, UX/UI Design, Data Structures and Algorithms

**Purdue University** \ Bachelor of Science, Dietetics and Nutrition, Fitness, & Health **August 2006 - August 2011**