TREVOR IRVING

FULL STACK SOFTWARE ENGINEER WITH QUALITY ASSURANCE BACKGROUND

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Innovative Software Engineer with a background in full-stack web development and over 11 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

Albertsons Companies **|** *Quality Assurance Manager* **|** Pleasanton, CA   **June 2020 - July 2023**
- Oversaw quality assurance for 3,000+ co-manufacturers across seven product categories for Albertsons Companies.
- Conducted over 150 supplier certification audits for new domestic and international suppliers, assessing risk and ensuring compliance with company standards.
- Established comprehensive company requirements for private label over-the-counter drugs and dietary supplements product lines, incorporating federal regulations and product recall data.
- Achieved a 50% reduction in customer complaints for leading product through a three-year quality improvement initiative.

EDUCATION

App Academy \\ Full Stack Web Development   **August 2023 - March 2024**
- **Relevant topics:** Pair Programming, Object Oriented Programming, Response Design, Object-relational Mappers, Test-Driven Development, Data Structures and Algorithms

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