TREVOR IRVING
FULL STACK SOFTWARE ENGINEER
WITH QUALITY ASSURANCE BACKGROUND

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Full Stack Software Engineer with over 11 years of Quality Assurance Experience. Ability to work in fast-paced team environments to produce high-quality software. Excels in a wide range of programming languages, frameworks, and tools. Strong background in pair programming, test-driven development, and agile methodologies.

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

Frameworks / Tools: React **|** Redux **|** Express **|** Flask **|** Sequelize **|** SQLAlchemy **|** SQLite **|** PostgresQL **|** AWS **|** Docker **|** Github

Key Skills: 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](#)
- Worked with a group of four engineers and one manager to effectively meet timelines, participating in daily standups, and utilized Github best practices to project manage.
- Implemented WaveSurfer API add-on which generates an image of the song audio waves, and traverses the image in sync with the song as it is being played.
- Utilized Agile methodologies throughout the project design process and in group meetings, resulting in the delivery of high-quality, functional products that met project requirements.

TrevBnB | React **|** Redux **|** JavaScript **|** Express.js **|** Node.js **|** Sequelize **|** HTML **|** CSS   [GitHub](#) \\ [Live](#)
- Established a user driven community that allows users to list their properties for rentals with React and Express framework.
- Integrated Sequelize database with RESTful API to allow users full interactions with spots, bookings, reviews, and images.

WORK EXPERIENCE

Albertsons Companies | *Quality Assurance Manager* **|** Pleasanton, CA   **June 2020 - July 2023**
- Managed over 3,000 co-manufacturers who produced seven different product categories for Albertsons Companies.
- Performed 150+ supplier certification audits of new suppliers (domestic and international), evaluating risk and certifying them to company requirements.
- Developed company requirements for private label over-the-counter drugs and dietary supplements product lines by utilizing federal regulations along with product recall data.
- Reduced leading product customer complaint volume by 50% during a three-year product quality improvement plan.

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**