Owen Shoop
Software Developer

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Full-Stack Software Developer with a background as a Firefighter/Paramedic. Passionate about using technology to create meaningful solutions that make a difference in people's lives. Possessing excellent communication and collaboration skills, able to work effectively in diverse teams, and contribute positively to a collaborative and dynamic work environment. Experienced in building full-stack, scalable web applications, delivering high-quality, user-friendly solutions. Able to leverage my experience as a firefighter/paramedic to quickly adapt to changing project requirements and deliver under tight deadlines.

SKILLS

- JavaScript, Pyton, React, Redux, Flask, CSS, Node.js, Sequelize, JSX, Alembic, HTML, Express.js, Git, SQL

PROJECTS

Ready Response | *(React / Redux, Python, Flask, Alembic, Google API, AWS S3)*   **about** | **live** | **github**

- Developed a web-based application using a **React / Redux** front-end and a **Python / Flask** for the back-end, leveraging Google Maps API to enable interactive map functionality with markers and street view images.
- Employed **Google API Address Validator** to maintain precise and current address information, enhancing overall application accuracy and reliability.
- Utilized **Amazon S3** buckets to streamline image storage and retrieval, improving the app's efficiency and security.

Not OK, Cupid | *(React/Redux, Python, Flask, SQLalchemy, Alembic)*   **about** | **live** | **github**

- Leveraged the unidirectional state management capabilities of **Redux** to streamline **React Components** and efficiently manage data for form inputs and submissions, resulting in a more seamless user experience.
- Utilized **Redux** state management to facilitate a smooth single-page interface for user interaction with features such as liking and disliking other users, leading to increased engagement and user satisfaction.
- Developed a robust and scalable back-end infrastructure using **Python / Flask** to manage and store user data, match algorithms, and messaging functionality, ensuring reliability and efficient data handling at scale.
- Collaborated with a team of developers on an **Agile Development** project, utilizing **GitHub** to implement effective communication and teamwork through features such as pull requests, code reviews, and issue tracking, resulting in a timely and successful project delivery.

EXPERIENCE

Firefighter / Paramedic

Monrovia Fire and Rescue   Oct 2020 - Present

- Applied critical thinking skills to quickly assess and make informed decisions in emergency situations, now utilized to analyze complex problems and develop effective solutions in software development.
- Communicated and collaborated with patients and other first responders in high-stress situations, now leveraged to effectively communicate with team members and others in software development projects.
- Demonstrated strong attention to detail and accuracy when performing patient care duties, now applied to ensure quality and precision in software development projects.
- Led emergency response teams, highlighting the ability to lead and mentor team members in software development projects.

EDUCATION

AppAcademy - Full-Stack Software Engineering: Full-Time Online - Feb 2023
El Camino College - AS Fire and Emergency Technology - Dec 2022
UCLA Daniel Freeman Paramedic Education Program - Paramedic - Dec 2020
El Camino College Fire Academy - Dec 2017