RENEE MESSERSMITH

SOFTWARE ENGINEER

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Summary

Detail-oriented and adaptable full stack software engineer dedicated to user-centered design to develop intuitive and impactful user experiences for global audiences. Leveraging unique experiences as a drone pilot keen on operating in high-pressure, deadline-driven environments, resulted in high-quality products that meet clients' specifications and contributed to successful promotional campaigns. Committed to applying strong teamwork and communication skills to be able to work with a variety of individuals.

Technical Skills

Languages/Frameworks: JavaScript, HTML5, CSS, Ruby, Rails, SQL, Active Record
Testing: Cypress, RSpec, Faker, FactoryBot, SimpleCov, WebMock, VCR, Faraday
Tools/Workflow: Github, Git, Postman, Rest APIs, Heroku, Vercel
Currently learning: React, React Router

Projects

Rancid Tomatillos | GitHub | Demo | 2 Person Team | 70 Hours
Tech: React, Cypress, React Router, JavaScript, HTML, CSS
- This application allows users to browse and vote on a collection of movies, with features like live search, movie details, and real-time vote updates.
- Designed intuitive UI/UX with movie poster grids and detailed views of selected movies.
- Verified accessibility features through manual testing and browser developer tools to ensure 100% coverage.

Little Shop Coupons | Backend | Frontend | Independent Project | 60 Hours
Tech: Ruby, Rails, RSpec, JavaScript, HTML, CSS
- An online store's admin portal that allows users to manage merchants and their items, and create and toggle coupon status.
- Created restful APIs adhering strictly to MVC and test driven development
- Exposed synthesized merchant and coupon data sourced from an internal API
- Implemented RSpec tests to reach 100% total coverage

Professional Experience

Flight Attendant at American Airlines   **03|2023 – 04|2024**
- Recognized by leadership for improving customer satisfaction which resulted in reducing customer complaints and improving overall experience for each individual
- Collaborated with senior leadership to execute safety and operating procedures and maximize the safety and comfort of customers, resulting in increased customer retention

Remote sUAS Drone Operator   **01|2021 – 04|2023**
- Designed comprehensive flight plans with a focus on safety, ensuring full compliance with FAA regulations and adapting to variable conditions in real-time
- Coordinated effectively with team members to ensure smooth flight operations, prioritizing situational awareness and minimizing potential risks

Education

Turing School of Software and Design   01|2025 – Present
Accredited Certificate in Software Engineering

Pasco-Hernando State College   01|2020 – 12|2022
Associates in Science – Unmanned Vehicle Systems Operations