

RENEE MESSERSMITH

SOFTWARE DEVELOPER

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Summary

Detail-oriented and adaptable full stack software developer 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: React, React Router, JavaScript, HTML5, Tailwind, CSS, Ruby, Rails, PostgreSQL, Active Record

Testing: Cypress, RSpec, Faker, FactoryBot, SimpleCov, WebMock, VCR, Faraday

Tools/Workflow: Github, Git, Postman, Rest APIs, Heroku, Vercel

Currently learning: TypeScript, Angular, Jasmine

Projects

Down the Rabbit Hole | [Demo](#) | [Frontend Repo](#) | [Backend Repo](#) | **5 Person Team** | **120 Hours**

Tech: React, Cypress, React Router, JavaScript, HTML, CSS, Ruby on Rails, RSpec

- Developed an interactive educational web app for exploring animals, ecosystems, and food chains, featuring animals found throughout the national parks.
- Created RESTful APIs adhering strictly to MVC
- Utilized test driven development (TDD) and RSpec to reach 100% total test coverage
- Designed with accessibility-first principles, incorporating WAI-ARIA tags, keyboard navigation, semantic HTML, and an optional OpenDyslexic font toggle for improved readability

Rancid Tomatillos | [GitHub Repo](#) | [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.

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

06|2024 – 01|2025

Accredited Certificate in Software Engineering

Pasco-Hernando State College

01|2020 – 12|2022

Associates in Science – Unmanned Vehicle Systems Operations