

Andres Mercado

FRONTEND SOFTWARE ENGINEER

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Frontend Engineer with 2 years of experience building high-performance, interactive web applications using React, Redux, and modern UI frameworks. I specialize in creating scalable, intuitive UIs, improving state management efficiency, and optimizing frontend performance. My background in aviation and real estate enhances my problem-solving approach, allowing me to design user-centric applications that streamline workflows and boost usability.

LANGUAGES: JavaScript, HTML, CSS

FRAMEWORKS: React, Redux

Cloud & DevOps: AWS (EC2, S3), Docker, Nginx

TOOLS: GitHub, Postman, Cloudinary

WORK EXPERIENCE

Rabbit Aviation >> *Frontend Engineer (Project: AeroSkyOps)* > *Remote*

April 2022 – Current [Live](#)

Built AeroSkyOps while working as a Line Service Technician to solve operational inefficiencies.

React, Redux, HTML, CSS

- **Developed** an intuitive dashboard that centralizes aircraft operations, streamlining user workflows and improving efficiency.
- **Optimized** UI performance by refining React components and state management, ensuring smooth and responsive user interactions.
- **Integrated** real-time flight tracking using the FlightAware API, enabling staff to monitor aircraft movements accurately.
- **Implemented** a dynamic fuel tank gauge UI, visually displaying fuel levels and updating based on logged inputs.
- **Designed** a historical parking log feature, allowing employees to track, filter, and reference past aircraft assignments with ease.
- **Refactored** Redux state logic, reducing redundant API calls and enhancing application speed for a seamless user experience.
- **Built** an interactive aircraft parking management system, enabling dynamic assignments and real-time status updates for enhanced tracking.

Real Estate investor >> *Owner* > *Stockton, CA*

October 2018 – Current

- **Achieved a six-figure income within five years** by strategically investing in and managing real estate properties, demonstrating strong financial acumen and market analysis skills.
- **Managed a portfolio of properties with 14 tenants**, overseeing property maintenance, tenant relations, and financial management to ensure high occupancy rates and tenant satisfaction.
- **Built and led a reliable team**, coordinating various aspects of property management, from renovations to tenant communications, showcasing leadership and collaboration abilities.

Rabbit Aviation >> *Line Service Technician* > *San Carlos, CA*

September 2017 – August 2023

- **Executed precise fueling operations** and managed logistics for private aircraft, ensuring compliance with strict safety protocols.
- **Operated fuel trucks to transport** and distribute fuel within a private airport environment, maintained efficient logistics and timely fuel delivery to support aircraft operations, prioritized safety, and strictly adhered to protocols.
- **Collaborated with team** members to troubleshoot real-time issues, enhancing operational efficiency and safety.

PROJECT EXPERIENCE

WUBER EATS >> *Flask, React, Redux, PostgreSQL, SQLite, WTForms, Cloudinary, Render*

[GitHub](#) > [Live](#)

An UberEats clone that allows users to create restaurants, add menus, leave reviews, and manage their shopping cart.

- Developed dynamic React components with Redux, enabling real-time cart updates and modal-based editing to enhance user engagement.
- Designed and optimized UI components for restaurant and menu management, ensuring smooth user interactions and intuitive navigation.
- Configured Cloudinary for image storage, improving load times and overall site performance.
- Worked closely with teammates to coordinate feature development and bug fixes, ensuring smooth backend-to-frontend integration using WTForms and Render.

EDUCATION

APP ACADEMY >> *Software Engineering*

Completed June 2024

Coding Dojo >> *Python, MERN Stack*

Completed April 2022