

Andres Mercado

FULL STACK SOFTWARE ENGINEER

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I'm Andres Mercado, a software developer with an aviation and real estate investing background. My journey began in 2022 as a line service technician, where I noticed inefficiencies and taught myself JavaScript, using the MERN stack to build full-stack apps. I honed my skills at App Academy in JavaScript, Python, React, Redux, HTML, and CSS. Beyond coding, I excel in real estate investing, managing multiple tenants, and achieving a six-figure income through strategic decision-making.

LANGUAGES: Javascript, Python, SQL, HTML, CSS
MongoDb

DATABASES: SQLite, PostgreSQL, SQLAlchemy, Sequelize,

FRAMEWORKS: React, Redux, Express, Flask, AWS, Docker

TOOLS: Github, Slack, Postman

OTHER: Pair-Programming, Test-Driven-Development(TDD), SCRUM, Team Building, Object Oriented Programming(OOP), Version Control, Debugger

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.

- Implemented fully functional shopping cart using react, redux and back end routes which created a modal where a user can see the items they added, add items and delete those items and update the quantity
- Integrated restaurant functionalities using PostgreSQL and SQLite, allowing restaurants to manage menus and receive customer reviews, enhancing user engagement and operational efficiency.
- Excelled in communication with teammates on what to work on and how to merge our code together using WTForms and Render to complement each other's work and avoid bugs.

SkyHighOps Aviation >> Flask, React, Redux, PostgreSQL, Sqlite,PostgreSQL, AWS, Docker

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

A comprehensive airplane management system where employees can assign and unassign planes to specific parking spots, add owners to aircraft, and add fuel requests for line personnel to view.

- Revamped and optimized the user interface by implementing advanced design principles and best practices in React and Redux, significantly reducing the component count, enhancing usability, and improving overall performance.
- Developed a dynamic aircraft parking assignment system using PostgreSQL, AWS, and Docker, enabling employees to efficiently assign and reassign aircraft at any time.
- Optimized database relationships by migrating from MongoDB to SQLAlchemy, enhancing data integrity and query efficiency for the aircraft parking assignment system.
- Implemented PostgreSQL to organize and manage airport parking spots effectively, dividing the airport into designated areas. This setup ensures each parking spot is accurately assigned, making it easier for employees to access and manage the data.
- Implemented a robust owner management module using React for the front end, which allows employees to add owners to aircraft and access comprehensive ownership details, enhancing data visibility and user interaction.

WORK EXPERIENCE

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

- **Safely pumped fuel for private aircraft** worth multi-million dollars, ensuring precise fueling operations in compliance with rigorous aviation standards where any error could have severe consequences.
- **Operated fuel trucks to transport** and distribute fuel within a private airport environment, maintaining efficient logistics and timely fuel delivery to support aircraft operations, prioritizing safety and strict adherence to protocols.

EDUCATION

APP ACADEMY >> Full Stack Web Development

Completed June 2024

Coding Dojo >> *Mern Stack (MongoDb, Express, React, Node JS)* >> Online

Completed April 2022