Marcos Tavarez

Charlotte, NC | (704) 345-7366 | mtavarez691@gmail.com
GitHub: github.com/Mtavarez0625 | Live App: baggage-tracker.vercel.app

PROFESSIONAL SUMMARY

Airline operations professional and full-stack software developer with over a decade of experience in aviation ground operations and logistics. Proven ability to translate real-world airline workflows into production-ready software solutions using React, Node.js, and MongoDB. Currently seeking an Associate Developer or IT Applications role to support and modernize airline operational systems.

TECHNICAL SKILLS

Frontend: React, JavaScript, HTML, CSS, Axios
Backend: Node.js, Express, REST APIs
Database: MongoDB (Atlas), Mongoose
Cloud & DevOps: Vercel, Render, Environment Variables, GitHub
Tools: Git, VS Code, Postman
Languages: English (Fluent), Spanish (Fluent)

FEATURED PROJECT

Airline Operations Baggage Tracker (Live Production Application)
Full-Stack Developer | React, Node.js, MongoDB
Live Demo: baggage-tracker.vercel.app | API: baggage-tracker-backend.onrender.com

• Designed and built a full-stack baggage tracking system modeling real airline ramp operations including bag check-in, flight assignment, gate and belt routing, and delivery status.
• Developed a React-based operations dashboard displaying real-time status counts and agent workflows for updating baggage lifecycle.
• Built and deployed a Node.js + Express REST API connected to MongoDB Atlas for persistent cloud-hosted data storage.
• Implemented production-grade deployment using Vercel (frontend) and Render (backend) with secure environment variable management.
• Modeled the complete airline baggage flow: Check-In → Load → In-Transit → Delivery, aligning software design with real-world airport operations.

PROFESSIONAL EXPERIENCE

American Airlines — Ramp Agent | Charlotte, NC
Aug 2022 – Present
• Load, unload, and transfer baggage and cargo for domestic and international flights in a high-volume operational environment.
• Coordinate with gate agents, operations, and flight crews to ensure safe and on-time departures.
• Adhere to FAA, OSHA, and airline safety procedures while working in time-critical conditions.

Piedmont Airlines — Ramp Agent | Charlotte, NC
Dec 2014 – Jul 2022
• Supported regional airline operations including baggage handling, aircraft servicing, and pushback operations.
• Maintained operational accuracy and safety across multiple aircraft types and gate assignments.

• Recognized for reliability, teamwork, and adherence to safety standards.

Jet Stream Ground Services — Aircraft Lavatory & Water Service Driver | Charlotte, NC
Apr 2013 – Dec 2014
• Serviced aircraft potable water and lavatory systems in compliance with airline and safety regulations.
• Maintained detailed servicing logs and ensured equipment readiness.

Compare Foods Supermarket — Pricing Coordinator / Cashier | Charlotte, NC
2010 – 2013
• Managed pricing accuracy across thousands of SKUs and ensured system■to■shelf consistency.
• Performed audits, cash handling, and customer service in a fast■paced retail environment.

New Age Technologies — Installer Assistant | Charlotte, NC
2009 – 2010
• Assisted with Cat5 voice and data cabling installations and labeling.
• Supported alarm and video surveillance system installations and testing.

EDUCATION

Independence High School — Charlotte, NC
High School Diploma