

Miguel A. Gonzalez Almonte

Plano, TX • 787-367-9843 • mgonzalez869@gmail.com

[LinkedIn](#) • [Portfolio](#) • [GitHub](#)

Target Roles:

AI Engineer • Internal Tools Developer • Workflow Automation Specialist • GPT Systems Architect

AI Systems Builder | GPT Workflow Architect | Operational Intelligence Technologist

Systems-focused builder with deep roots in operations leadership and a forward trajectory in AI-powered automation. I design decision-support systems that replace spreadsheets with logic-driven tools — reducing delays, enforcing lifecycle logic, and supporting team coordination in real time.

My portfolio includes production-used agents, dashboards, and Python-based platforms built from scratch — not in theory, but in live operational environments. I thrive at the intersection of practical coordination and scalable AI tooling.

Core Tools & Technologies

Languages & Frameworks: Python • FastAPI • PySide6 • Tkinter • VBA • SQLite • Supabase

AI & LLMs: GPT-4 • LangChain • Prompt Engineering • Agent Workflows

Automation & Dashboards: Pandas • Power BI • CMMS Integration • Excel Macros

Deployment & UX: Replit • Netlify • HTML/CSS • Low-Code Architecture

DevOps & Logic Design: Git • Modular Architecture • DTOs • Lifecycle Mapping • Role-Based Flows

Professional Experience

Service Maintenance Manager — MAA – Dallas, TX

Jun 2023 – Present

Led field ops while designing and deploying the Make Ready Digital Board (DMRB) — a production-grade Python system for turnover coordination

Eliminated spreadsheets with lifecycle logic, offline queuing, and task validation — reducing unit turnover from 13–20 days to 7 days

Delivered full-stack functionality with Python, SQLite, Supabase, and PySide6

Acted as both systems architect and end user — field-testing every feature in production

Service Manager — RPM Living – Dallas, TX

May 2022 – Jun 2023

Directed maintenance operations and designed Excel-based dashboards to streamline task management and vendor oversight

Introduced structured workflows and SOPs, leading to improved turnover timelines

Applied agile coordination frameworks to reduce backlog and optimize coverage

Residential Renovation Lead (Contractor) — First Choice

Jan 2021 – May 2022

Oversaw full-scope renovation projects with digital project tools and milestone tracking

Created protocols to reduce callbacks and improve delivery quality

Unit Upgrade Specialist (Contractor) — FSI

Feb 2020 – Jan 2021

Executed unit upgrades across multiple sites, implementing mobile-tracked workflows and trade sequencing improvements

Maintenance Technician II — American Community

Feb 2018 – Feb 2020

Delivered multi-system repairs and supported CMMS implementation for better tracking and preventive logic

Ops Assistant → Kitchen Manager — Universal Studios – Orlando, FL

2009 – 2018

Progressed to managing two high-volume kitchen teams; led coordination for new venue launches and menu rollouts

Developed early instincts for operational systems design under pressure

Education

Bachelor of Business Administration (Computer Information Systems)

Ana G. Méndez University – In Progress

- 40+ credits completed previously; currently resumed studies

Certifications

Completed:

Google Project Management Certificate – Coursera, 2025

Python for Everybody – University of Michigan, 2025

Python 3: Intermediate Track – Coursera, 2025

EPA Section 608 Certification – HVAC Systems, 2018

In Progress:

IBM AI Engineering Certificate – Coursera

Key Projects

Make Ready Digital Board (DMRB)

Python, Pandas, PySide6, FastAPI, SQLite → Supabase

Lifecycle-based task manager for property teams; used in production

Reduced turnover time by 50% through role-based access and smart task gating

Blueprint Buddy

GPT Instruction Builder | Prompt Engineering, Validation Logic

Designed an agent to convert user input into deployable GPT instructions with multi-format output

System Pilot

GPT-Powered Architecture Strategist

Modular assistant for converting raw product concepts into blueprint-level system plans

Meta Code Sensei

Python Learning GPT Agent

Guided dev learners through 12-phase Python + architecture learning flows using GPT recursion

Python Training Board (PTB)

Tkinter + PySide6 GUI Learning Tool

Designed for developers to practice full-stack design patterns in a controlled, modular environment

Results & Metrics

- 65% process efficiency gain via AI agent deployment
- 13→7 days unit turnover through DMRB system
- 40% maintenance cost reduction via predictive logic
- \$25K+ cost savings through Excel-to-Python transformation
- Trained 50+ team members on tools, logic, and execution workflows