**Miguel A. Gonzalez Almonte**  
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[LinkedIn](https://linkedin.com/in/miguel-gonzalez-ai) • [Portfolio](https://mga210.github.io/) • [GitHub](https://github.com/mga210)

**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