

# Miguel A. Gonzalez Almonte

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## AI Systems Builder | GPT-Powered Workflow Architect | Operational Intelligence Technologist

*Bridging field-tested operational insight with code-based systems design. I build logic-driven tools that improve coordination, decision flow, and end-user clarity.*

### PROFESSIONAL SUMMARY

AI systems builder with deep roots in operations leadership and a self-driven path into software design, automation, and GPT agent architecture. I've built and deployed intelligent tools that replaced spreadsheets, reduced operational delays, and brought logic-based coordination into live operational environments. My systems are not experiments — they are active solutions used in production to enforce lifecycle integrity, audit state transitions, and support non-technical users.

Though I've never held a formal software title, I've architected AI assistants, Python dashboards, and decision frameworks that reflect enterprise-grade thinking and field-tested pragmatism. My work lives at the intersection of operational intelligence and systems clarity — where good logic can save time, prevent errors, and build trust.

Now seeking roles where I can continue designing agent-powered workflows, internal tools, and smart coordination systems — especially in environments that value practical intelligence, not just pedigree.

### SKILLS SUMMARY

#### AI & Workflow Intelligence

- GPT Agent Design, Prompt Architecture, Logic Scaffolding
- Recursive Flows, Task Routing Systems, Lifecycle Modeling
- Role-Based Interaction Flows, Instructional UX for Non-Technical Users

#### Python Systems Development

- Python 3 (Modular Scripting, DTO Structures, API Basics)
- Pandas (Data Structuring, Filtering, Export Pipelines)
- PySide6 and Tkinter (GUI Architecture, Interaction Flows)
- FastAPI (Lightweight API Services)
- SQLite and Supabase (Layered DB Use, State Tracing, Portability)

#### Automation & Data Tools

- Excel (Advanced Formulas, VBA, Macros, Conditional Logic)
- Power BI (Custom Dashboards, Workflow Reporting)
- CMMS Data Structuring, Delay Tracking Logic, Heatmaps and Export Systems

### PROFESSIONAL EXPERIENCE

#### Service Maintenance Manager

MAA – Dallas, TX

Jun 2023 – Present

Led service operations across 3 multifamily properties while designing and deploying the Make Ready Digital Board (DMRB) — a logic-based AI tool used live to coordinate unit readiness

- Replaced manual spreadsheets with a state-resolved Python system using DTOs, task templates, and lifecycle enforcement
- Built audit-safe, role-scoped task flows with offline queueing, conflict detection, and automatic readiness locking
- Reduced unit turnover time from 13–20 days to 7 through system-led coordination and real-time visibility
- Integrated Python (Pandas, PySide6, FastAPI), SQLite, and Supabase to enable full-stack functionality

#### Service Manager

RPM Living – Dallas, TX

May 2022 – Jun 2023

- Built and deployed custom Excel dashboards to reduce admin friction, improve task tracking, and align team focus
- Applied Agile-style planning methods to improve technician coverage and reduce backlog
- Created SOPs and structured vendor workflows to streamline unit turnover

#### Operations Assistant → Kitchen Manager

Universal Studios – Orlando, FL

2009 – 2018

- Progressed from operations assistant to leading two full-service kitchens during high-volume park operations
- Participated in engineering launch teams for new venues and attractions
- Led cross-kitchen menu rollout projects, coordinating timing, staff training, and guest flow readiness

## EDUCATION & CERTIFICATIONS

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### Bachelor of Business Administration in Computer Information Systems

*Ana G. Méndez University – Carolina, PR (In Progress)*

#### Completed Certifications:

- Python for Everybody – University of Michigan / Coursera (2025)
- Python 3 – Intermediate Track (2025)
- Google Project Management Certificate – Coursera (2025)
- EPA Section 608 Certification – HVAC Systems (2018)

## KEY PROJECTS

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### Make Ready Digital Board (DMRB)

*AI-Powered Task Lifecycle System | Python, Pandas, PySide6, FastAPI, SQLite → Supabase*

- Replaced spreadsheets with a logic-resolved unit coordination engine deployed across 3 properties
- Reduced turnover from 13–20 days to 7 with role-based access, task gating, and offline queueing

### System Pilot

*GPT-Powered Architecture Strategist | Prompt Logic, Modular Dialogues, Python*

- Designed a GPT assistant that guides users from raw product ideas into full system blueprints
- Enforced architectural planning through modular dialogue and logic scaffolding

### Blueprint Buddy

*Modular GPT Instruction Builder | Prompt Architecture, Python, Logic System Design*

- Built a scalable system to translate user input into structured, validated GPT instructions
- Used by product leads and toolmakers to deploy prompt systems with embedded logic flows