

Paul Davis

Fort Lauderdale / Pompano Beach, FL (Open to Atlanta, GA) | Remote/WFH preferred  
(754) 274-3468 | pmdavis4@live.com | linkedin.com/in/paulmcdavis | github.com/cdrguru

## MANAGING SOLUTION ARCHITECT - FORWARD-DEPLOYED AI . SOLUTION ARCHITECTURE . FULL-LIFECYCLE DELIVERY

### SUMMARY

Full-lifecycle technical operator. I build production AI and analytics systems, architect and ship them to enterprise customers, and run the loops that turn them into adoption and revenue. Built a REST + MCP skill platform exposing 230+ governed skills (OAuth 2.1/PKCE, auto-routing, hybrid retrieval) callable from Claude, ChatGPT, and Grok. Shipped Fabric/Power BI analytics and customer-facing apps to production. Helps customers use AI to cut onboarding, learning, and knowledge-building time. Rare UC/telecom analytics depth across Cisco, Webex, Zoom, and Teams. Adoption includes AI Insights (7,000+ Microsoft AppSource downloads) and Power Query Assistant GPT (25,000+ conversations), cited as separate metrics.

### CORE SKILLS

Microsoft Fabric | Power BI | Agentic analytics | Prompt engineering | Governance & quality gates | Retrieval patterns | Azure OpenAI | Telemetry & adoption metrics | Product/PM collaboration | Solution architecture | Cross-functional leadership

### EXPERIENCE

Metropolis Corp - Managing Solution Architect & Tech Lead | Jan 2018 - Present

- Built a REST + MCP skill platform exposing 230+ governed, executable skills callable from Claude, ChatGPT, and Grok via MCP-over-SSE, with OAuth 2.1/PKCE auth, auto-routing, hybrid retrieval, and read-only vs. executable scoping; deployed to Azure via Bicep.
- Built learn.metropolis.com (openly viewable), an AI-assisted onboarding and knowledge platform: an embedded streaming AI coach that gives role- and task-aware guided answers over product documentation, plus a governed knowledge CMS with a role/product/platform taxonomy and publish workflow; reduces customer time-to-productivity.
- Shipped a gated renewals operations console delivered as both web and native desktop (Tauri).
- Built a Microsoft Fabric workload for Zoom analytics (UI, FastAPI backend, report bundles, side-load manifests, OAuth, OneLake write path) and an end-to-end Zoom-on-Fabric validation kit with deterministic fixtures, Fabric Warehouse load, PBIP packaging, and a 316-test offline verifier ([github.com/cdrguru/metropolis-fabric-workload](https://github.com/cdrguru/metropolis-fabric-workload), [github.com/cdrguru/zoom-fabric-demo](https://github.com/cdrguru/zoom-fabric-demo)).
- Owned the full AppSource lifecycle across a 10-app marketplace portfolio: Power BI semantic models, DAX, listing content, telemetry, and feedback-driven iteration.
- Multi-vendor UC/CCaaS analytics depth across Cisco, Webex, Zoom, and Teams, including field-level TMDL semantic-model data dictionaries for production reports.
- Built and launched Fabric/Power BI-centric AI + analytics experiences; partnered with PM, engineering, and stakeholders to ship production-ready capabilities.
- Implemented governance-first GenAI practices (schema validation, prompt QA, CI quality gates) to increase reliability and accelerate iteration.
- Instrumented adoption and usage feedback loops (telemetry and user signals) to prioritize improvements and drive measurable engagement.
- Delivered products with documented adoption:
  - AI Insights (Power BI app): 7,000+ downloads (Microsoft AppSource)
  - Power Query Assistant GPT: 25,000+ conversations

Metropolis Corp - Channel Sales Executive & Tech Lead | Mar 2013 - Dec 2017

- Led technical discovery and solution design for analytics/contact center programs; translated requirements into implementable architectures.
- Coordinated across internal teams and partners to land outcomes on deadlines.

Promero, Inc. - Regional Sales Director | Jul 2010 - Mar 2013

- Led consultative solution engagements spanning unified communications/contact center and analytics.

The Lake District LLC - Managing Member | Apr 2019 - Jun 2024

- Managed governance and operational decision-making for real estate/investment assets (supplemental leadership experience).

## **SELECTED PROJECTS**

FabricAgent - Governance-first AI agent for Microsoft Fabric

- Model-agnostic, schema-validated prompts, CI gates; UX for managing ~70 persona prompts
- Recognition: Best Use of AI Features within Microsoft Fabric - 2025 FabCon Global Hackathon
- Link: [github.com/cdrguru/FabricAgent](https://github.com/cdrguru/FabricAgent)

Prompt ReAct - Hackathon project integrating Azure Cosmos DB + Microsoft Fabric with Azure OpenAI

- Recognition: Winner - Honorable Mention (Azure Cosmos DB + Microsoft Fabric Integration) - 2024
- Links: [devpost.com/software/prompt-react-real-time-voice-intelligence](https://devpost.com/software/prompt-react-real-time-voice-intelligence) | [youtube.com/watch?v=DMA-IFbeqHY](https://youtube.com/watch?v=DMA-IFbeqHY)

## **EDUCATION**

Florida Atlantic University - BBA, Management Information Systems (Security Track), Summa Cum Laude

## **AWARDS**

- 2025 Microsoft Fabric FabCon Global Hackathon - Best Use of AI Features within Microsoft Fabric (FabricAgent)
- 2024 Microsoft Fabric & AI Learning Hackathon - Winner - Honorable Mention (Azure Cosmos DB + Microsoft Fabric Integration) (Prompt ReAct)