

# ***Anthony James Padavano***

GLOBAL STRATEGIC ALLIANCES LEAD (AGENTIC COMMERCE)

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## LINKS

[Portfolio](#) · [GitHub](#) · [agentic-titan](#) · [ORGANVM System](#)

## PROFILE

Independent software engineer and systems architect building production-grade AI orchestration and technical infrastructure. Creator and sole architect of a 103-repository ecosystem coordinated across 8 GitHub organizations and governed by automated validation. Specialist in the "AI-conductor" methodology, translating complex agentic model capabilities into strategic GTM solutions for the commerce and retail industry. Expert in "solo production at institutional scale," bridging the gap between frontier AI engineering and global partner strategy. Focused on technical integrity, systemic reliability, and building the reliable foundations for the future of digital shopping. Full-Stack Developer (Meta). 18 years professional experience. MFA Creative Writing. LGBTQ+.

## TECHNICAL SKILLS

AI Orchestration · Agentic Commerce · GTM Strategy · Systems Architecture · Partner Enablement · Technical Storytelling · CLI Tooling · GitHub Actions · CI/CD · TypeScript · Python · Zod · pytest · Vitest · YAML/JSON Schema · React 18 · Node.js · Docker · Git · GCP / Terraform · WebSocket · Redis · Nginx

## SELECTED PROJECTS

### **ORGANVM Eight-Organ System — 103-Repository Global Infrastructure**

A unified technical and narrative corpus encompassing 21K code files and 3.6K tests. Governed by a formal promotion state machine and automated dependency validation. Features 128 GitHub Actions workflows built on 18 reusable templates. A live demonstration of "solo production at institutional scale" and complex systems orchestration.

### **agentic-titan — Multi-Agent Orchestration & CLI Framework**

TypeScript framework for orchestrating complex, multi-step engineering and commerce tasks across autonomous agents. Includes 18 development phases and 1,276 tests. Engineered for high-reliability tool invocation, task decomposition, and integration with agentic retail workflows.

### **Application Pipeline — Systems Analysis & GTM Tooling Suite**

Python-based CLI suite for pipeline orchestration: 8-dimension scoring rubric, campaign management, and YAML-driven state machine. Automates intake, research, and synthesis tasks, translating deep technical evidence into scannable storefront materials for strategic alliances.

### **agent--claude-smith — Claude Agent SDK Reliability Layer**

Advanced agent implementation built on Claude Agent SDK. Features session persistence, self-correction hooks, and structured tool invocation designed to ground AI reasoning in real-world retail data and order fulfillment workflows.

### **Portfolio — Performance-Grade Scannable Interface**

Astro 5 site governed by a CI/CD "quality ratchet" that enforces strict validation standards. Represents the scannable "Storefront" for 42 published essays (~142K words) documenting the real-time intersection of AI and commerce.

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## EXPERIENCE

### **Independent Software Engineer & Systems Architect**

2020 — Present

- **Infrastructure Reliability:** Built a corpus of 2,349+ automated tests across 94 active repositories, ensuring correctness in complex, cross-organizational developer tooling and GTM systems.
- **Agentic Advocacy:** Documented "AI-conductor" methodology across 42 published essays, exploring how agentic systems fundamentally change the commerce lifecycle from syndication to fulfillment.
- **Governance at Scale:** Designed a 103-repository system governed by automated validation and 94 CI/CD pipelines to sustain institutional-scale production as a solo practitioner.
- **Systems Integration:** Developed multi-agent frameworks using the Claude Agent SDK featuring structured tool invocation and self-correction protocols for autonomous engineering.

### **Instructor — Composition, Writing & Complex Systems**

2015 — Present

*Miami Dade College, Keiser University, Nova Southeastern, FAU, Young Harris, Tarrant County, Broward, Palm Beach State*

- 100+ courses across 8 institutions; 2,000+ students. Translating complex technical and architectural concepts into accessible narratives and mentoring junior developers in technical rigor.

### **Digital Marketing Manager & Narrative Strategist**

2023 — 2024

*Miami Dade College Foundation (nonprofit)*

- Architected foundation website overhaul and campaign design, utilizing data analysis to drive a 32% increase in community engagement through technical execution.

### **Multimedia Specialist**

2011 — 2020

*AJP Media Arts — clients incl. Boca Ballet Theatre, Forward Funding, Arts in Boca*

- Produced high-volume visual and narrative campaigns; generated 17.5M+ views through the intersection of technical production and creative storytelling.

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## EDUCATION

### **M.F.A. Creative Writing**, Florida Atlantic University

2015 — 2018

### **B.A. English Literature**, CUNY College of Staten Island

2010 — 2014

**C E R T I F I C A T I O N S** Full-Stack Developer, Meta (2024) · UX Design, Google (2023) · Digital Marketing, Google (2023) · Project Management, Google (2023)