Anthony James Padavano

AI ORCHESTRATION ARCHITECT & SYSTEMS DIRECTOR

New York City / padavano.anthony@gmail.com (mailto:padavano.anthony@gmail.com) /

GitHub (https://github.com/meta-organvm) / LinkedIn (https://www.linkedin.com/in/anthony-james-padavano-98a40a186/) / Portfolio

EXECUTIVE SUMMARY

AI Orchestration Architect and Systems Director with 15 years of experience bridging high-stakes infrastructure with creative R&D. Expert in multi-agent orchestration, automated governance, and large-scale system design. Recently engineered an eight-organ creative-institutional system coordinating 91 repositories across 8 organizations with ~386K words of public documentation and 1,254 automated tests (85% coverage). Delivered +17.5M views and contributed to $2M in revenue/fundraising across commercial and nonprofit sectors. MFA in Creative Writing; Google-certified in UX, PM, and Digital Marketing; Meta-certified Full-Stack Developer.

SKILLS

LANGUAGES

PYTHON   TYPESCRIPT

JAVASCRIPT   GO   RUST

BASH   SQL

FRAMEWORKS

NODE.JS   ASTRO   REACT

NEXT.JS   FASTAPI   EXPRESS

AI / ML

LLM ORCHESTRATION

MULTI-AGENT SYSTEMS

PROMPT ENGINEERING

RAG PIPELINES

SYSTEMS

GITHUB ACTIONS   CI/CD

DOCKER   POSTGRESQL   GIT

CREATIVE

P5.JS   GENERATIVE ART

AUDIO SYNTHESIS

INTERACTIVE INSTALLATIONS

MARKETING

STORYTELLING

CONTENT CREATION

SOCIAL MEDIA   SEO

PERFORMANCE ANALYTICS

UI/UX DESIGN

GOVERNANCE

REGISTRY DESIGN

DEPENDENCY VALIDATION

STATE MACHINES

DOCUMENTATION SYSTEMS

The Eight-Organ System

Governance as creative infrastructure — 91 repos, 8 orgs

- Designed orchestration architecture coordinating theory, art, commerce, community, and marketing as a single governed system

- Built machine-readable registry, automated dependency validation (31 edges, zero back-edge violations), and promotion state machine

- Authored ~386K words of public documentation; 5 GitHub Actions workflows for autonomous governance

Recursive Engine (RE:GE)

Symbolic operating system for myth and narrative — Python

- Implemented 21 organ handlers translating epistemological frameworks into executable code with a ritual syntax DSL

- 1,254 tests, 85% coverage; myths, identities, and recursive structures as first-class computational objects

Agentic Titan

Multi-agent orchestration — 9 topologies, 22 archetypes

- Polymorphic agent swarm architecture across 9 self-organizing topologies with 22 agent archetypes

- 1,095+ tests across 18 implementation phases; model-agnostic (Anthropic, OpenAI, Ollama)

AI-Conductor Model

Human-AI co-creation methodology

- Developed the workflow producing ~386K words: AI generates volume, human directs and refines

- Includes quality gates, template compliance validation, and automated link checking across 91 repos

Forward Funders — Marketing Overhaul

Cold-calling to digital marketing — 328% ROI

- Transitioned client from in-person cold-calling to fully digital marketing; designed social media and Google Ads campaigns achieving 328% ROI

Boca Ballet Theatre — Digital Transformation

Nonprofit survival during COVID-19

- Rebuilt website and social media channels during COVID-19; ad campaigns drove funding and enabled remote performances

Independent Creative Technologist

2021 — Present

- Designed and launched the eight-organ orchestration system coordinating 91 repositories across 8 GitHub organizations with automated dependency validation and ~386K words of documentation
- Built recursive-engine (1,254 tests, 85% coverage) — a symbolic operating system translating epistemological frameworks into executable Python
- Developed generative art and music systems, interactive installations, and AI-conductor workflow for human-AI co-creation

Digital Marketing Manager

2023 — 2024 · Miami Dade College Foundation

- Designed and executed digital campaigns increasing donor engagement by 32% and surpassing fundraising goals
- Rebuilt foundation website — 38% traffic growth, 22% improvement in donation conversions
- Produced multimedia storytelling content driving 28% increase in click-through rates
- Developed social media strategy boosting engagement rates across platforms by 23%
- Trained team members on advanced analytics tools — 20% efficiency boost in reporting

Multimedia Specialist

2011 — Present · AJP Media Arts

Arts in Boca, Boca Ballet Theatre, Cardboard Movie Company, Forward Funding, Flux Media, Lockbox Capital, Luxury Elevates, MindFinity, Nintendard, South Florida Luxury Real Estate, Spartan Permits, StrategicLever, Swamp Ape Review, Transcend Cosmetics, UltiTool Media

- Produced video, audio, and visual campaigns achieving 17.5M+ views and contributing to $2M in client fundraising and revenue across 15 clients (2011–2024)
- Integrated SEO and paid media strategies achieving 290% ROI for key campaigns
- Launched and managed client websites with 42% engagement increase and 30% speed improvement
- Conducted A/B testing and performance analysis — 27% engagement boost across client portfolios
- Delivered intuitive UI/UX designs — 26% satisfaction increase, 35% retention improvement

Instructor

2015 — Present · Miami Dade College, FAU, Nova Southeastern, Keiser, Young Harris, Tarrant County CC, Broward College, Palm Beach State

- Designed and delivered 100+ composition courses to 2,000+ students with 85% above-average grade achievement
- Applied UX principles to create accessible course materials — 92% student approval rating
- Managed course lifecycle from concept to completion — 97% completion rate
- Enhanced lectures with multimedia tools — 22% increase in engagement
- Refined teaching methods using performance analytics — 24% improvement in student retention

Project Manager

2007 — 2018 · Majestic Design

- Led 50 commercial and residential construction projects from concept to completion — 90% on-time and within budget
- Collaborated with marketing teams on 3D renderings and video walkthroughs, securing 25% increase in repeat business
- Built and maintained strong stakeholder relationships — 88% satisfaction rate
- Implemented risk mitigation strategies reducing project delays by 15%; 93% met or exceeded standards

EDUCATION

M.F.A. Creative Writing
2015 — 2018 · Florida Atlantic University

B.A. English Literature
2010 — 2014 · CUNY College of Staten Island

CERTIFICATIONS

Full-Stack Developer — Meta   2023 — 2024

UX Design — Google   2022 — 2023

Digital Marketing & E-commerce — Google   2022 — 2023

Project Management — Google   2022 — 2023

LINKS

Portfolio — 4444j99.github.io/portfolio

LinkedIn (https://www.linkedin.com/in/anthony-james-padavano-98a40a186/) — anthony-james-padavano

GitHub (system) (https://github.com/meta-organvm) — meta-organvm

GitHub (personal) (https://github.com/4444j99) — 4444j99

Email (mailto:padavano.anthony@gmail.com) — padavano.anthony@gmail.com