

Anthony James Padavano

SENIOR DEVELOPER ADVOCATE (VIDEO CONTENT & SEARCH AI)

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LINKS	Portfolio · GitHub · agentic-titan · ORGANVM System	
PROFILE	Independent software engineer and multimedia specialist building production-grade infrastructure, developer tooling, and high-signal technical narratives. Creator and sole architect of a 103-repository ecosystem across 8 GitHub organizations governed by automated validation and 2,349+ tests. Specialist in translating deep technical "Cathedrals"—including agentic workflows, vector search, and distributed observability—into engaging, lead-contributor video content for the developer community. Expert in "solo production at institutional scale," utilizing an "AI-conductor" methodology to maintain technical integrity while generating high-volume visual campaigns (17.5M+ views). Full-Stack Developer (Meta). MFA Creative Writing. LGBTQ+.	
TECHNICAL SKILLS	Technical Storytelling · Video Production · Search AI · TypeScript · Python · Node.js · React 18 · CLI Tooling · GitHub Actions · CI/CD · Zod · pytest · Vitest · YAML/JSON Schema · Docker · Git · pnpm Monorepos · GCP / Terraform · WebSocket · Redis · Nginx · D3.js · p5.js	
SELECTED PROJECTS	ORGANVM Eight-Organ System — 103-Repository Developer 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. A live demonstration of "solo production at institutional scale" used as the foundation for high-quality technical demos and video deep-dives.	
	Portfolio — Performance-Grade Multimedia Interface Astro 5 site governed by a CI/CD "quality ratchet" that enforces strict validation standards. Represents the viewable "Storefront" for 42 published technical essays and immersive video projects (like 'MET4MORFOSES') exploring the frontier of AI production.	
	agentic-titan — Multi-Agent Orchestration & CLI Framework TypeScript framework for orchestrating complex engineering and content creation tasks across autonomous agents. Includes 18 development phases and 1,276 tests. Engineered for high-reliability tool invocation, task decomposition, and visual state management.	
	Classroom RPG Aetheria — AI-Native Learning Environment Gamified education platform featuring dynamic AI quest generation. Hardened for production with XSS mitigation and robust failure handling. A prototype for how complex AI-native visualizations and interactions can be communicated through video.	
	Application Pipeline — Systems Analysis & Advocacy Suite Python-based CLI suite for pipeline orchestration: 8-dimension scoring rubric and YAML-driven state machine. Automates intake, research, and synthesis tasks, translating technical evidence into scannable storefront materials for global advocacy.	
EXPERIENCE	Independent Software Engineer & Multimedia Specialist 2020 — Present <ul style="list-style-type: none">Technical Content Production: Produced high-volume scannable technical content and visual campaigns; generated 17.5M+ views through the intersection of technical depth and creative storytelling.Infrastructure Reliability: Built a corpus of 2,349+ automated tests across 94 active repositories, ensuring technical correctness in all demos and video deep-dives.AI-Native Automation: Developed multi-agent frameworks using the Claude Agent SDK featuring structured tool invocation and self-correction protocols for autonomous content orchestration.Governance at Scale: Designed a 103-repository system governed by automated validation and 94 CI/CD pipelines to sustain institutional-scale content production as a solo practitioner.	
	Instructor — Composition, Writing & Complex Systems 2015 — Present <i>Miami Dade College, Keiser University, Nova Southeastern, FAU, Young Harris, Tarrant County, Broward, Palm Beach State</i> <ul style="list-style-type: none">100+ courses across 8 institutions; 2,000+ students. Mentoring practitioners in technical rigor and translating complex architectural concepts into accessible video pedagogical content.	
	Digital Marketing Manager & Narrative Strategist 2023 — 2024 <i>Miami Dade College Foundation (nonprofit)</i> <ul style="list-style-type: none">Architected foundation website overhaul and campaign design, utilizing data analysis to drive a 32% increase in donor engagement through video and digital strategy.	
	Multimedia Specialist 2011 — 2020 <i>AJP Media Arts — clients incl. Boca Ballet Theatre, Forward Funding, Arts in Boca</i> <ul style="list-style-type: none">Produced high-volume visual and narrative campaigns; generated 17.5M+ views and \$2M in fundraising through technical and creative production.	
	M.F.A. Creative Writing , Florida Atlantic University 2015 — 2018 B.A. English Literature , CUNY College of Staten Island 2010 — 2014	

CERTIFICATIONS Full-Stack Developer, Meta (2024) · UX Design, Google (2023) · Digital Marketing, Google (2023) · Project Management, Google (2023)