

Anthony James Padavano

STAFF DEVELOPER ADVOCATE (DEVELOPER ENABLEMENT)

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LINKS	Portfolio · GitHub · agentic-titan · ORGANVM System	
PROFILE	Independent software engineer and veteran educator (11 years, 2,000 students) building production-grade developer tooling and multi-agent orchestration systems. Creator of a 103-repository metasytem across 8 GitHub organizations governed by 94 CI/CD pipelines, 2,349+ tests, and ~810K+ words of documentation. Specialist in translating complex distributed systems into high-signal "Storefront" curriculum for enterprise adoption. Focused on developer enablement, AI-native education infrastructure, and building peer-to-peer learning resources for the global developer community. Full-Stack Developer (Meta). 18 years experience. MFA Creative Writing. LGBTQ+.	
TECHNICAL SKILLS	TypeScript · Python · Node.js · Distributed Systems · Developer Education · CLI Tooling · GitHub Actions · CI/CD · Zod · pytest · Vitest · Claude Agent SDK · YAML/JSON Schema · React 18 · pnpm Monorepos · Express · Docker · Git · GCP / Terraform · WebSocket · Redis · Nginx · D3.js · p5.js	
SELECTED PROJECTS	ORGANVM Eight-Organ System — 103-Repository Learning Infrastructure A unified technical and narrative corpus encompassing 21K code files, 3.6K tests, and ~810K+ words of documentation. Governed by a formal promotion state machine, automated dependency validation, and 128 GitHub Actions workflows on 18 reusable templates. A live demonstration of developer enablement at institutional scale.	
	agentic-titan — Multi-Agent Orchestration & CLI Framework TypeScript framework for orchestrating complex, multi-step engineering tasks across autonomous agents. Includes 18 development phases and 1,276 tests. Engineered for high-reliability tool invocation and transparent task decomposition.	
	Application Pipeline — CLI-Driven Enablement Suite Python-based CLI suite implementing an 8-dimension scoring rubric and YAML-driven state machine. Automates complex research and content synthesis tasks, translating deep technical evidence into scannable storefront materials for developer adoption.	
	Classroom RPG Aetheria — AI-Native Learning Environment Gamified education platform prototype featuring dynamic AI quest generation and adaptive learning paths. Production-hardened with XSS mitigation, robust failure handling, and 100% pass rate across unit tests. A prototype for AI-native developer enablement.	
	Portfolio — Performance-Grade Documentation Site Astro 5 site governed by a CI/CD "quality ratchet" that enforces strict validation and testing standards. Represents the scannable "Storefront" for 42 published technical essays (~142K words) as part of the public process.	
EXPERIENCE	Independent Software Engineer & Education Platform Architect 2020 — Present <ul style="list-style-type: none">AI-Native Education: Architected a 103-repository system with automated governance and 32 AI agent definitions; implementing the "AI-conductor" methodology where human directs, AI generates, and human reviews.Infrastructure Rigor: Designed a corpus of 2,349+ automated tests across 94 active repositories, ensuring correctness and preventing regressions in cross-organizational developer tooling and enablement infrastructure.Developer Enablement: Built CLI pipeline tools for scoring, research, and synthesis using Python and YAML schema validation, translating deep technical evidence into accessible storefront materials.Systems Governance: Engineered 128 GitHub Actions workflows on 18 reusable templates across 8 independent organizations, enforcing quality gates and golden path compliance at institutional scale.	
	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. Translating complex technical and architectural concepts into accessible documentation and mentoring junior developers in technical rigor.	
	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.	
	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 through technical and creative production.	
	EDUCATION 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)	