

# Anthony James Padavano

## SENIOR DEVELOPER ADVOCATE & INFRASTRUCTURE ENGINEER

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LINKS	<a href="#">Portfolio</a> · <a href="#">GitHub</a> · <a href="#">agentic-titan</a> · <a href="#">ORGANVM System</a>	
PROFILE	Developer advocate and software engineer building infrastructure tooling, YAML-driven data pipelines, and developer education content in Python and TypeScript. 11 years of college-level instruction (2,000+ students) — practiced at translating complex data infrastructure into accessible documentation and community-facing tutorials. Architect of a 103-repository system with structured schema governance, automated validation, and CI/CD at scale. Builder of CLI tooling suites and API integration clients. Full-Stack Developer (Meta). MFA Creative Writing. LGBTQ+.	
TECHNICAL SKILLS	Python · TypeScript · Node.js · YAML/JSON Schema · CLI Tooling · Git · GitHub Actions · CI/CD · Docker · Claude Agent SDK · React 18 · Astro · D3.js · Vitest · pytest · Express · Zod · pnpm Monorepos · GCP / Terraform · Redis	
SELECTED PROJECTS	<b>ORGANVM Eight-Organ System — 103-Repository Developer Infrastructure</b> 8 GitHub organizations, 21K code files, 3.6K tests. YAML schema governance, CLAUDE.md documentation in every repo, automated dependency validation (43 edges, 0 violations). 128 GitHub Actions workflows (18 reusable templates). Developer-facing infrastructure at scale.	
	<b>Application Pipeline — Data Pipeline &amp; CLI Suite</b> 14 Python CLI tools: YAML-driven pipeline state machine, Greenhouse API client, 8-dimension scoring rubric, campaign orchestrator, batch enrichment, velocity tracking. Schema validation and data integrity throughout.	
	<b>Portfolio — Astro 5 Technical Showcase</b> 20 case studies, D3.js data visualizations, generative p5.js visual layer, Pagefind search. Designed for technical storytelling and developer community engagement.	
	<b>agentic-titan — Multi-Agent Orchestration System</b> TypeScript multi-agent framework: 18 development phases, 1,276 tests. Agent coordination, task decomposition, and structured execution patterns.	
	<b>agent--claude-smith — Claude Agent SDK Integration</b> TypeScript agent with session persistence, self-correction hooks, and structured tool invocation for autonomous engineering tasks.	
EXPERIENCE	<b>Instructor — Composition &amp; Writing</b>	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"><li>100+ courses across 8 institutions; 2,000+ students. Designed curriculum, built community, and translated complex systems into accessible educational experiences for diverse audiences.</li></ul>	
	<b>Independent Software Engineer &amp; Developer Tools Builder</b>	2020 — Present
	<ul style="list-style-type: none"><li><b>Developer Tooling &amp; APIs:</b> Built Greenhouse API client, YAML schema validation, CLI pipeline tools (scoring, drafting, submission, orchestration) — 14 scripts sharing a common library.</li><li><b>Documentation Governance:</b> CLAUDE.md in 103 repositories — structured references enabling developers and AI agents to navigate, build, and test across 8 GitHub organizations.</li><li><b>CI/CD Infrastructure:</b> 128 GitHub Actions workflows (18 reusable templates), 94 CI/CD pipelines, automated dependency validation.</li><li><b>LLM Orchestration:</b> Multi-agent systems with Claude Agent SDK and agentic-titan framework (1,276 tests).</li></ul>	
	<b>Multimedia Specialist</b>	2011 — 2020
	<i>AJP Media Arts — clients incl. Boca Ballet Theatre, Forward Funding, Arts in Boca</i> <ul style="list-style-type: none"><li>Video, audio, and narrative content for nonprofits and arts organizations; 17.5M+ views, \$2M in fundraising through storytelling and community engagement.</li></ul>	
	<b>Digital Marketing Manager</b>	2023 — 2024
	<i>Miami Dade College Foundation (nonprofit)</i> <ul style="list-style-type: none"><li>Rebuilt foundation website; designed campaigns increasing donor engagement by 32%.</li></ul>	
	<b>EDUCATION</b>	
	<b>M.F.A. Creative Writing</b> , Florida Atlantic University	2015 — 2018
	<b>B.A. English Literature</b> , 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)	