

Anthony James Padavano

SOFTWARE ENGINEER, DEVELOPER TOOLS & PRODUCTIVITY

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LINKS	Portfolio · GitHub · agentic-titan · ORGANVM System	
PROFILE	Software engineer building developer tools, CI/CD infrastructure, and automated build systems in TypeScript and Python. Architect of a 103-repository system with 128 GitHub Actions workflows (18 reusable templates), 94 CI/CD pipelines, and automated dependency validation across 8 GitHub organizations. Builder of CLI tooling suites, YAML schema validation engines, and batch processing pipelines that increase developer productivity at scale. Full-Stack Developer (Meta). 18 years professional experience. LGBTQ+.	
TECHNICAL SKILLS	TypeScript · Python · GitHub Actions · CI/CD · Docker · Node.js · CLI Tooling · YAML/JSON Schema · Git · Vitest · pytest · ruff · Zod · pnpm Monorepos · Vite · Express · React 18 · Nginx · GCP / Terraform · Redis · WebSocket	
SELECTED PROJECTS	ORGANVM Eight-Organ System — 103-Repository Developer Infrastructure 8 GitHub organizations, 21K code files, 3.6K tests. 128 GitHub Actions workflows built on 18 reusable templates. 94 CI/CD pipelines with automated dependency validation (43 edges, 0 violations). Promotion state machine enforcing quality gates across the entire system.	
	Application Pipeline — CLI Tooling Suite 14 Python CLI tools sharing a common library: YAML pipeline state machine, batch processing, Greenhouse API client, 8-dimension scoring rubric, campaign orchestrator, submission preflight, velocity tracking. Designed for developer productivity and automation.	
	agentic-titan — Multi-Agent Orchestration System TypeScript multi-agent framework: 18 development phases, 1,276 tests. Agent coordination, task decomposition, and parallel execution patterns engineered for reliability and developer productivity.	
	agent--claude-smith — Claude Agent SDK Integration TypeScript agent built on Claude Agent SDK with session persistence, self-correction hooks, and structured tool invocation for autonomous multi-step software engineering tasks.	
	Portfolio — Astro 5 Static Site Generative p5.js visual layer, D3.js data visualizations, Pagefind search, 20 case studies. CI/CD with quality ratchet governance.	
EXPERIENCE	Independent Software Engineer & Developer Tools Builder 2020 — Present <ul style="list-style-type: none">CI/CD Infrastructure: 128 GitHub Actions workflows (18 reusable templates), 94 CI/CD pipelines, automated dependency validation across 8 GitHub organizations. Build matrices, caching strategies, and quality gates at scale.Developer Tooling: Built 14 CLI tools sharing a common library — Greenhouse API integration, YAML schema validation, batch processing, campaign orchestration, scoring rubrics.AI-Conductor Methodology: 103-repository system governed by CLAUDE.md files and 32 AI agent definitions — human directs, AI generates, human reviews.LLM Orchestration: Multi-agent systems with Claude Agent SDK (agent--claude-smith) and agentic-titan framework (1,276 tests) — structured tool invocation and self-correction.	
	Instructor — Composition & Writing 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. Clear technical communication, documentation, and mentoring.	
	Digital Marketing Manager 2023 — 2024 <i>Miami Dade College Foundation (nonprofit)</i> <ul style="list-style-type: none">Rebuilt foundation website; designed campaigns increasing donor engagement by 32%.	
	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">Video, audio, and visual campaigns for nonprofits and arts organizations; 17.5M+ views, \$2M in fundraising.	
	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)	