

# Anthony James Padavano

## SOFTWARE ENGINEER, DEVELOPER EXPERIENCE

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LINKS	<a href="#">Portfolio</a> · <a href="#">GitHub</a> · <a href="#">agentic-titan</a> · <a href="#">ORGANVM System</a>		
PROFILE	Software engineer focused on developer experience, AI-assisted coding tools, and multi-agent orchestration in TypeScript and Python. Architect of a 103-repository system governed by CLAUDE.md files and 32 AI agent definitions — a developer environment spanning 21K code files, 3.6K tests, and 94 CI/CD pipelines designed for AI-augmented engineering workflows. Builder of Claude Agent SDK integrations with structured tool invocation and self-correction patterns. Heavy daily user of AI coding tools. Full-Stack Developer (Meta). 18 years professional experience. LGBTQ+.		
TECHNICAL SKILLS	TypeScript · Python · Node.js · CLI Tooling · Claude Agent SDK · React 18 · Vite · Vitest · Zod · GitHub Actions · CI/CD · Git · Docker · Express · YAML/JSON Schema · pytest · ruff · pnpm Monorepos · Astro · WebSocket · Redis · GCP / Terraform		
SELECTED PROJECTS	<b>ORGANVM Eight-Organ System — 103-Repository Developer Infrastructure</b>		
	A unified developer environment across 8 GitHub organizations: 21K code files, 3.6K tests, 94 CI/CD pipelines. CLAUDE.md governance in every repo enables AI agents to navigate, build, and test autonomously. 128 GitHub Actions workflows (18 reusable templates).		
	<b>agentic-titan — Multi-Agent Orchestration System</b>		
	TypeScript multi-agent framework: 18 development phases, 1,276 tests. Agent coordination, task decomposition, parallel execution, and structured tool invocation patterns for AI-augmented development workflows.		
	<b>agent--claude-smith — Claude Agent SDK Integration</b>		
EXPERIENCE	TypeScript agent built on Claude Agent SDK with session persistence, self-correction hooks, and structured tool invocation. Designed for autonomous multi-step software engineering tasks.		
	<b>Application Pipeline — CLI Tooling Suite</b>		
	Python CLI tools: 14 independent scripts sharing a common library. Greenhouse API client, YAML pipeline state machine, scoring rubric, campaign orchestrator, submission preflight, batch enrichment.		
	<b>Portfolio — Astro 5 Static Site</b>		
	Generative p5.js visual layer, D3.js data visualizations, Pagefind search, 20 case studies. CI/CD with quality ratchet governance.		
EXPERIENCE	<b>Independent Software Engineer &amp; Developer Tools Builder</b>		2020 — Present
	<ul style="list-style-type: none"><li><b>AI-Conductor Methodology:</b> Designed 103-repository system governed by CLAUDE.md files and 32 AI agent definitions — every repo structured for AI agents to read, navigate, build, and test autonomously.</li><li><b>Developer Tooling:</b> CLI pipeline tools (scoring, drafting, submission, campaign orchestration), Greenhouse API integration, YAML schema validation, batch processing — 14 scripts sharing a common library.</li><li><b>LLM Orchestration:</b> Multi-agent systems with Claude Agent SDK (agent--claude-smith) and agentic-titan framework (1,276 tests) — structured tool invocation, self-correction, session persistence.</li><li><b>CI/CD Infrastructure:</b> 128 GitHub Actions workflows (18 reusable templates), 94 CI/CD pipelines, automated dependency validation across 8 GitHub organizations.</li></ul>		
	<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. Clear technical communication, documentation, and mentoring.</li></ul>		
	<b>Digital Marketing Manager</b>		2023 — 2024
EXPERIENCE	<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>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 visual campaigns for nonprofits and arts organizations; 17.5M+ views, \$2M in fundraising.</li></ul>		
	<b>EDUCATION</b>		
	<b>M.F.A. Creative Writing</b> , Florida Atlantic University		2015 — 2018
EXPERIENCE	<b>B.A. English Literature</b> , CUNY College of Staten Island		2010 — 2014
	<b>CERTIFICATIONS</b>		
	Full-Stack Developer, Meta (2024) · UX Design, Google (2023) · Digital Marketing, Google (2023) · Project Management, Google (2023)		