

# Anthony James Padavano

## FULL-STACK ENGINEER, DEVELOPER EXPERIENCE

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LINKS	Portfolio · <a href="#">GitHub</a> · <a href="#">agentic-titan</a> · <a href="#">ORGANVM System</a>	
PROFILE	Full-stack software engineer building developer experience infrastructure, API tooling, and multi-agent orchestration systems in TypeScript and Python. Architect of a 103-repository system across 8 GitHub organizations — 21K code files, 3.6K tests, 94 CI/CD pipelines, governed by CLAUDE.md files and 32 AI agent definitions. Builder of API clients, CLI developer tools, and React frontends with quality governance at scale. Practitioner of an AI-conductor methodology: human directs, AI generates, human reviews. Full-Stack Developer (Meta). 18 years professional experience. LGBTQ+.	
TECHNICAL SKILLS	TypeScript · Python · React 18 · Node.js · Express · CLI Tooling · Claude Agent SDK · Zod · Vitest · pytest · GitHub Actions · CI/CD · Docker · Git · YAML/JSON Schema · Astro · Vite · D3.js · p5.js · WebSocket · Redis · pnpm Monorepos · GCP / Terraform · Nginx	
SELECTED PROJECTS	<p><b>ORGANVM Eight-Organ System — 103-Repository Developer Infrastructure</b> Full-stack developer environment across 8 GitHub organizations: 21K code files, 3.6K tests, 94 CI/CD pipelines. CLAUDE.md governance in every repo. 128 GitHub Actions workflows (18 reusable templates). Automated dependency validation (43 edges, 0 violations) and promotion state machine.</p> <p><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 for AI-powered developer workflows.</p> <p><b>Application Pipeline — Full-Stack CLI Tooling Suite</b> 14 Python CLI tools: Greenhouse API client (HTTP submission, answer templating), YAML pipeline state machine, React-compatible data exports, campaign orchestrator, scoring rubric, batch enrichment.</p> <p><b>agent--claude-smith — Claude Agent SDK Integration</b> TypeScript agent built on Claude Agent SDK with session persistence, self-correction hooks, and structured tool invocation for autonomous multi-step engineering tasks.</p> <p><b>Portfolio — Astro 5 Static Site</b> React-compatible Astro 5 site with D3.js data visualizations, generative p5.js visual layer, Pagefind search, 20 case studies. CI/CD with quality ratchet governance.</p>	
EXPERIENCE	<p><b>Independent Software Engineer &amp; Developer Tools Builder</b> 2020 — Present</p> <ul style="list-style-type: none"><li><b>Developer Tooling &amp; APIs:</b> Built Greenhouse API client, CLI pipeline tools (scoring, drafting, submission, campaign orchestration), YAML schema validation, batch processing — 14 scripts sharing a common library.</li><li><b>AI-Conductor Methodology:</b> 103-repository system governed by CLAUDE.md files and 32 AI agent definitions — human directs, AI generates, human reviews.</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> <p><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></p> <ul style="list-style-type: none"><li>100+ courses across 8 institutions; 2,000+ students. Clear technical communication, documentation, and mentoring.</li></ul> <p><b>Digital Marketing Manager</b> 2023 — 2024 <i>Miami Dade College Foundation (nonprofit)</i></p> <ul style="list-style-type: none"><li>Rebuilt foundation website; designed campaigns increasing donor engagement by 32%.</li></ul> <p><b>Multimedia Specialist</b> 2011 — 2020 <i>AJP Media Arts — clients incl. Boca Ballet Theatre, Forward Funding, Arts in Boca</i></p> <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>	
EDUCATION	<p><b>M.F.A. Creative Writing</b>, Florida Atlantic University 2015 — 2018</p> <p><b>B.A. English Literature</b>, CUNY College of Staten Island 2010 — 2014</p>	
CERTIFICATIONS	Full-Stack Developer, Meta (2024) · UX Design, Google (2023) · Digital Marketing, Google (2023) · Project Management, Google (2023)	