

Anthony James Padavano

SOFTWARE ENGINEER & DEVELOPER TOOLS BUILDER

New York City | 561-602-7300 | padavano.anthony@gmail.com

LINKS	Portfolio · GitHub · agentic-titan · ORGANVM System	
PROFILE	Software engineer building CLI developer tools, multi-agent orchestration systems, and automated infrastructure in TypeScript and Python. Creator and sole 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. Practitioner of an AI-conductor methodology where human intelligence directs AI-generated volume through structured review. Full-Stack Developer (Meta). 18 years professional experience. MFA Creative Writing. 11 years college instruction, 2,000+ students. LGBTQ+.	
TECHNICAL SKILLS	TypeScript · Python · Node.js · CLI Tooling · GitHub Actions · CI/CD · Docker · Git · React 18 · Express · Zod · Vitest · pytest · ruff · Claude Agent SDK · YAML/JSON Schema · Astro · Vite · pnpm Monorepos · p5.js · D3.js · WebSocket · Redis · Nginx · GCP / Terraform	
SELECTED PROJECTS	<p>ORGANVM Eight-Organ System — 103-Repository Developer Infrastructure 8 GitHub organizations, 21K code files, 3.6K tests, 94 CI/CD pipelines. CLAUDE.md governance in every repo. 32 AI agent definitions. 128 GitHub Actions workflows (18 reusable templates). Automated dependency validation, promotion state machine (LOCAL → CANDIDATE → PUBLIC → GRADUATED), cross-org coordination. TypeScript + Python.</p> <p>agentic-titan — Multi-Agent Orchestration System TypeScript multi-agent framework: 18 development phases, 1,276 tests. Agent coordination, task decomposition, and parallel execution patterns. Structured for extensibility and reliability.</p> <p>agent--claude-smith — Claude Agent SDK Integration 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.</p> <p>Application Pipeline — CLI Tooling Suite Python CLI tools: Greenhouse API client, 8-dimension scoring rubric, campaign orchestrator, YAML pipeline state machine, submission preflight, batch enrichment, velocity tracking. 14 independent scripts sharing a common library.</p> <p>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.</p>	
EXPERIENCE	<p>Independent Software Engineer & Developer Tools Builder 2020 — Present</p> <ul style="list-style-type: none">AI-Conductor Methodology: Designed 103-repository system governed by CLAUDE.md files, AI agent definitions, and automated validation — human directs, AI generates, human reviews.Developer Tooling: CLI pipeline tools (scoring, drafting, submission, campaign orchestration), Greenhouse API integration, YAML schema validation, batch processing.LLM Orchestration: Multi-agent systems with Claude Agent SDK (agent--claude-smith), agentic-titan framework (1,276 tests), structured tool invocation and self-correction.CI/CD Infrastructure: 128 GitHub Actions workflows (18 reusable templates), 94 CI/CD pipelines, automated dependency validation across 8 GitHub organizations. <p>Instructor — Composition & Writing 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">100+ courses across 8 institutions; 2,000+ students. Clear technical communication, documentation, and mentoring. <p>Digital Marketing Manager 2023 — 2024 <i>Miami Dade College Foundation (nonprofit)</i></p> <ul style="list-style-type: none">Rebuilt foundation website; designed campaigns increasing donor engagement by 32%. <p>Multimedia Specialist 2011 — 2020 <i>AJP Media Arts — clients incl. Boca Ballet Theatre, Forward Funding, Arts in Boca</i></p> <ul style="list-style-type: none">Video, audio, and visual campaigns for nonprofits and arts organizations; 17.5M+ views, \$2M in fundraising.	
EDUCATION	<p>M.F.A. Creative Writing, Florida Atlantic University 2015 — 2018</p> <p>B.A. English Literature, 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)	