

Anthony James Padavano

FULL-STACK DEVELOPER EXPERIENCE ENGINEER

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| LINKS | Portfolio · GitHub · agentic-titan · ORGANVM System | |
| PROFILE | Full-stack engineer building developer-facing infrastructure in TypeScript and Python — CLI tooling suites, API integration layers, CI/CD automation, and quality governance systems. Creator and sole architect of a 103-repository system across 8 GitHub organizations: 21K code files, 3.6K tests, 94 CI/CD pipelines, 128 GitHub Actions workflows (18 reusable templates), governed by CLAUDE.md files and automated validation. Built a 14-script Python CLI pipeline with Greenhouse API client, YAML state machines, and batch processing. Full-stack frontend work includes an Astro 5 site with p5.js generative canvas, D3.js data visualization, and Pagefind search. Full-Stack Developer (Meta). 18 years professional experience. MFA Creative Writing, 11 years college instruction, 2,000+ students. LGBTQ+. | |
| TECHNICAL SKILLS | TypeScript · Python · React 18 · Node.js · Express · Zod · CI/CD · GitHub Actions · CLI Tooling · Docker · Git · Vitest · pytest · ruff · YAML/JSON Schema · Astro · Vite · pnpm Monorepos · p5.js · D3.js · Claude Agent SDK · WebSocket · Redis · Nginx · GCP / Terraform | |
| SELECTED PROJECTS | <p>ORGANVM Eight-Organ System — 103-Repository Developer Infrastructure</p> <p>8 GitHub organizations, 21K code files, 3.6K tests, 94 CI/CD pipelines. 128 GitHub Actions workflows (18 reusable templates). CLAUDE.md governance in every repo. Automated dependency validation with 43 validated edges and zero circular dependencies. Promotion state machine (LOCAL → CANDIDATE → PUBLIC → GRADUATED). Cross-org quality gates and consistency enforcement. TypeScript + Python.</p> <p>Application Pipeline — Full-Stack CLI Tooling Suite</p> <p>14 independent Python CLI scripts sharing a common library (pipeline_lib.py). Greenhouse API client for form submission. YAML pipeline state machine with forward-only validation. 8-dimension scoring rubric, campaign orchestrator, submission preflight, batch enrichment, velocity tracking. Consistent CLI patterns: --target, --dry-run, --yes, --batch.</p> <p>Portfolio — Astro 5 Full-Stack Site</p> <p>Generative p5.js visual layer, D3.js data visualizations, Pagefind search indexing, 20 case studies. Design system built on CSS custom properties. CI/CD with quality ratchet governance — policy JSONs enforced by automated test assertions.</p> <p>agentic-titan — Multi-Agent Orchestration System</p> <p>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</p> <p>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> | |
| EXPERIENCE | <p>Independent Software Engineer & Developer Tools Builder</p> <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.Developer Tooling: CLI pipeline tools (scoring, drafting, submission, campaign orchestration), Greenhouse API integration, YAML schema validation, batch processing.AI-Conductor Methodology: Designed 103-repository system governed by CLAUDE.md files, AI agent definitions, and automated validation — human directs, AI generates, human reviews.LLM Orchestration: Multi-agent systems with Claude Agent SDK (agent--claude-smith), agentic-titan framework (1,276 tests), structured tool invocation and self-correction. <p>Instructor — Composition & Writing</p> <p><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</p> <p><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</p> <p><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. | <p>2020 — Present</p> <p>2015 — Present</p> <p>2023 — 2024</p> <p>2011 — 2020</p> |
| EDUCATION | <p>M.F.A. Creative Writing, Florida Atlantic University</p> <p>B.A. English Literature, CUNY College of Staten Island</p> | <p>2015 — 2018</p> <p>2010 — 2014</p> |
| CERTIFICATIONS | Full-Stack Developer, Meta (2024) · UX Design, Google (2023) · Digital Marketing, Google (2023) · Project Management, Google (2023) | |