Anthony James Padavano

STAFF DEVELOPER ADVOCATE & API ENGINEER

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LINKS	Portfolio · GitHub · agentic-titan · ORGANVM System
PROFILE	Developer advocate and software engineer building API integrations, developer tools, and technical content in TypeScript and Python. 11 years of college-level instruction (2,000+ students) — practiced at translating complex AI/ML systems into accessible documentation and educational experiences. Builder of Greenhouse API clients, multi-agent orchestration frameworks, and a 103-repository system with structured documentation governance. Experienced producing multimedia content (17.5M+ views) and high-volume technical writing. Full-Stack Developer (Meta). MFA Creative Writing. LGBTQ+.
TECHNICAL SKILLS	Python · TypeScript · Node.js · CLI Tooling · API Integration · YAML/JSON Schema · Git · GitHub Actions · CI/CD · Docker · Claude Agent SDK · React 18 · Astro · D3.js · p5.js · Vitest · pytest · Express · WebSocket · Markdown

SELECTED PROJECTS

Application Pipeline — API Integration & CLI Suite
14 Python CLI tools with Greenhouse API client (HTTP submission, answer templating, validation), YAML pipeline state machine, campaign orchestrator, scoring rubric, and batch enrichment. End-to-end developer workflow automation.

ORGANVM Eight-Organ System — 103-Repository Developer Infrastructure
8 GitHub organizations, 21K code files, 3.6K tests. CLAUDE.md documentation governance in every repo. 128 GitHub Actions workflows (18 reusable templates). Developer-facing documentation maintained as code.

Portfolio — Astro 5 Technical Showcase
20 case studies, D3.js data visualizations, generative p5.js visual layer, Pagefind search. Designed for technical storytelling and developer audience engagement.

agentic-titan — Multi-Agent Orchestration System
TypeScript multi-agent framework: 18 development phases, 1,276 tests. Agent coordination, task decomposition, and structured execution patterns for AI-powered workflows.

agent--claude-smith — Claude Agent SDK Integration
TypeScript agent with session persistence, self-correction hooks, and structured tool invocation for autonomous engineering tasks.

EXPERIENCE

Instructor — Composition & Writing
2015 — Present
Miami Dade College, Keiser University, Nova Southeastern, FAU, Young Harris, Tarrant County, Broward, Palm Beach State
- 100+ courses across 8 institutions; 2,000+ students. Expert at breaking down complex technical concepts for diverse audiences, building community, and creating engaging educational content.

Independent Software Engineer & Developer Tools Builder
2020 — Present
- **API & Developer Tooling:** Built Greenhouse API client, YAML schema validation, CLI pipeline tools (scoring, drafting, submission, orchestration) — 14 scripts sharing a common library.
- **Documentation Governance:** CLAUDE.md in 103 repositories across 8 GitHub organizations — structured references enabling developers and AI agents to navigate, build, and test autonomously.
- **LLM Orchestration:** Multi-agent systems with Claude Agent SDK (session persistence, self-correction) and agentic-titan framework (1,276 tests).
- **CI/CD Infrastructure:** 128 GitHub Actions workflows (18 reusable templates), 94 CI/CD pipelines.

Multimedia Specialist
2011 — 2020
AJP Media Arts — clients incl. Boca Ballet Theatre, Forward Funding, Arts in Boca
- Video, audio, and narrative content production for nonprofits and arts organizations; 17.5M+ views, $2M in fundraising. High-volume creative and technical content creation.

Digital Marketing Manager
2023 — 2024
Miami Dade College Foundation (nonprofit)
- Rebuilt foundation website; designed campaigns increasing donor engagement by 32%.

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)