Anthony James Padavano

OPEN-SOURCE DEVELOPER ADVOCATE & ENGINEER

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

LINKS

Portfolio · GitHub · agentic-titan · ORGANVM System

PROFILE

Open-source engineer and technical communicator with 103 public repositories across 8 GitHub organizations, 810K+ words of developer-facing documentation, 42 published essays explaining architectural decisions to non-technical audiences, and 11 years teaching 2,000+ students. Creator of a documentation-first development methodology where writing shapes system design — every README written for external evaluators, with cross-document dependency maps and annotated manifests for developer navigation. Builder of multi-agent orchestration systems, CLI developer tools, and automated CI/CD infrastructure in Python and TypeScript. Full-Stack Developer (Meta). MFA Creative Writing. LGBTQ+.

TECHNICAL SKILLS

Python · TypeScript · Git · GitHub Actions · Claude Agent SDK · Docker · CI/CD · Node.js · CLI Tooling · YAML/JSON Schema · pytest · ruff · Vitest · Astro · React 18 · Zod · Vite · pnpm Monorepos · p5.js · D3.js · Express · WebSocket · Redis · GCP / Terraform

SELECTED PROJECTS

ORGANVM Eight-Organ System — Open-Source Governance at Scale
103 public repositories across 8 GitHub organizations with 810K+ words of developer documentation, community health files, and org-level profiles designed for external readers. 42 published essays. Cross-document dependency maps and annotated manifests for developer onboarding. 128 GitHub Actions workflows (18 reusable templates), 94 CI/CD pipelines, CLAUDE.md governance in every repo. TypeScript + Python.

agentic-titan — Open-Source Multi-Agent Framework
Multi-agent orchestration framework with 1,276 tests across Python, Rust, and TypeScript adapters. Agent coordination, task decomposition, and parallel execution patterns. Real API surface with documentation written for external contributors and extensibility.

Portfolio — Community-Facing Astro 5 Site
20 case studies with generative p5.js visual layer, D3.js data visualizations, and Pagefind search. CI/CD with quality ratchet governance. Designed as a public-facing showcase of technical communication and project documentation.

Application Pipeline — Python CLI Tooling Suite
14 independent Python CLI scripts sharing a common library: Greenhouse API client, 8-dimension scoring rubric, campaign orchestrator, YAML pipeline state machine, submission preflight, batch enrichment, velocity tracking. Documentation-driven development with schema validation.

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. Clear technical communication, documentation-first pedagogy, and developer mentoring.

Independent Software Engineer & Open-Source Developer Advocate
2020 — Present
- **AI-Conductor Methodology:** Designed 103-repository open-source system with 810K+ words of developer documentation, community health files, contribution guidelines, and org-level profiles across 8 GitHub organizations — all written for external readers from the start.
- **Developer Tooling:** CLI pipeline tools (scoring, drafting, submission, campaign orchestration), Greenhouse API integration, YAML schema validation, batch processing. 42 published essays explaining architectural decisions.
- **LLM Orchestration:** Multi-agent systems with Claude Agent SDK (agent--claude-smith), agentic-titan framework (1,276 tests across Python, Rust, TypeScript), structured tool invocation and self-correction.
- **CI/CD Infrastructure:** 128 GitHub Actions workflows (18 reusable templates), 94 CI/CD pipelines, automated dependency validation, promotion state machine across 8 GitHub organizations.

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

Multimedia Specialist
2011 — 2020
AJP Media Arts — clients incl. Boca Ballet Theatre, Forward Funding, Arts in Boca
- Video, audio, and visual campaigns for nonprofits and arts organizations; 17.5M+ views, $2M in fundraising.

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)