

# **Anthony James Padavano**

DEVELOPER RELATIONS ENGINEER & TECHNICAL WRITER

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## LINKS

[Portfolio](#) · [GitHub](#) · [agentic-titan](#) · [ORGANVM System](#)

## PROFILE

Developer relations engineer combining engineering credibility (103 public repositories, 21K code files, 3.6K tests, 94 CI/CD pipelines) with communication depth (810K+ words of published documentation and essays, 42 essays totaling 142K words) and community instinct (11 years college instruction, 100+ courses, 2,000+ students). Builder of TypeScript and Python developer tools, multi-agent orchestration systems, and automated infrastructure across 8 GitHub organizations — every repo governed by CLAUDE.md onboarding docs, architecture decisions, and navigation protocols. Full-Stack Developer (Meta). MFA Creative Writing. Practitioner of documentation-first methodology where technical writing is the primary interface between open-source projects and their communities. LGBTQ+.

## TECHNICAL SKILLS

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

## SELECTED PROJECTS

### **ORGANVM Eight-Organ System — 103-Repository Open-Source Infrastructure**

8 GitHub organizations, 21K code files, 3.6K tests, 94 CI/CD pipelines. Every repository includes a CLAUDE.md governance file with onboarding instructions, architecture decisions, and navigation protocols — 810K+ words of structured documentation total. 42 published essays (142K words) documenting the build process as real-time technical writing, 128 GitHub Actions workflows (18 reusable templates). Machine-readable registry with 43 validated dependency edges. 100% public, 100% documented. TypeScript + Python.

### **Portfolio — Astro 5 Developer Portfolio**

20 case studies with technical deep-dives, generative p5.js visual layer, D3.js data visualizations, Pagefind full-text search. CI/CD with quality ratchet governance. Demonstrates technical content creation: each case study documents architecture decisions, trade-offs, and implementation details for a developer audience.

### **agentic-titan — Multi-Agent Orchestration System**

TypeScript multi-agent framework: 18 development phases, 1,276 tests. Fully documented agent coordination patterns, task decomposition, and parallel execution. Structured for extensibility with comprehensive README and contributor-facing documentation.

### **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 with full docstrings and usage documentation.

### **agent--claude-smith — Claude Agent SDK Integration**

TypeScript agent built on Claude Agent SDK with session persistence, self-correction hooks, and structured tool invocation. Documented integration patterns for autonomous multi-step software engineering tasks.

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## EXPERIENCE

### **Instructor — Composition & Technical Communication**

2015 – Present

*Miami Dade College, Keiser University, Nova Southeastern, FAU, Young Harris, Tarrant County, Broward, Palm Beach State*

- **Developer Education at Scale:** 100+ courses across 8 institutions; 2,000+ students. 11 years of daily practice explaining complex concepts to first-time learners, reading comprehension gaps in real time, and iterating on explanations until they land.
- **Documentation Standards:** Designed course materials, assignment sequences, and rubrics that teach clear technical writing — the same skills that produce effective API docs, tutorials, and developer guides.

### **Independent Software Engineer & Developer Tools Builder**

2020 – Present

- **Developer Documentation:** 810K+ words across 103 public repositories — CLAUDE.md governance files, onboarding guides, architecture decisions, and navigation protocols in every repo. 42 published essays (142K words) as real-time technical process documentation.
- **Developer Tooling:** CLI pipeline tools (scoring, drafting, submission, campaign orchestration), Greenhouse API integration, YAML schema validation, batch processing. TypeScript and Python.
- **Open-Source Infrastructure:** 103-repository system across 8 GitHub organizations — 21K code files, 3.6K tests, 128 GitHub Actions workflows (18 reusable templates), automated dependency validation, promotion state machine. 100% public, 100% documented.
- **LLM Orchestration:** Multi-agent systems with Claude Agent SDK (agent--claude-smith), agentic-titan framework (1,276 tests), 32 AI agent definitions with structured tool invocation and self-correction.

### **Digital Marketing Manager**

2023 – 2024

*Miami Dade College Foundation (nonprofit)*

- Rebuilt foundation website; designed campaigns increasing donor engagement by 32%. Community-facing content strategy and stakeholder communication.

### **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.

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**EDUCATION**

**M.F.A. Creative Writing**, Florida Atlantic University

2015 — 2018

**B.A. English Literature**, CUNY College of Staten Island

2010 — 2014

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**CERTIFICATIONS**

Full-Stack Developer, Meta (2024) · UX Design, Google (2023) · Digital Marketing, Google (2023) · Project Management, Google (2023)