

Anthony James Padavano

FULL-STACK ENGINEER, DEVELOPER EXPERIENCE

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

LINKS

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

PROFILE

Full-stack software engineer building developer experience infrastructure, API tooling, and multi-agent orchestration systems in TypeScript and Python. 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. Builder of API clients, CLI developer tools, and React frontends with quality governance at scale. Practitioner of an AI-conductor methodology: human directs, AI generates, human reviews. Full-Stack Developer (Meta). 18 years professional experience. LGBTQ+.

TECHNICAL SKILLS

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

SELECTED PROJECTS

ORGANVM Eight-Organ System — 103-Repository Developer Infrastructure

Full-stack developer environment across 8 GitHub organizations: 21K code files, 3.6K tests, 94 CI/CD pipelines. CLAUDE.md governance in every repo. 128 GitHub Actions workflows (18 reusable templates). Automated dependency validation (43 edges, 0 violations) and promotion state machine.

agentic-titan — Multi-Agent Orchestration System

TypeScript multi-agent framework: 18 development phases, 1,276 tests. Agent coordination, task decomposition, parallel execution, and structured tool invocation for AI-powered developer workflows.

Application Pipeline — Full-Stack CLI Tooling Suite

14 Python CLI tools: Greenhouse API client (HTTP submission, answer templating), YAML pipeline state machine, React-compatible data exports, campaign orchestrator, scoring rubric, batch enrichment.

agent--claude-smith — Claude Agent SDK Integration

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

Portfolio — Astro 5 Static Site

React-compatible Astro 5 site with D3.js data visualizations, generative p5.js visual layer, Pagefind search, 20 case studies. CI/CD with quality ratchet governance.

EXPERIENCE

Independent Software Engineer & Developer Tools Builder

2020 – Present

- **Developer Tooling & APIs:** Built Greenhouse API client, CLI pipeline tools (scoring, drafting, submission, campaign orchestration), YAML schema validation, batch processing — 14 scripts sharing a common library.
- **AI-Conductor Methodology:** 103-repository system governed by CLAUDE.md files and 32 AI agent definitions — human directs, AI generates, human reviews.
- **LLM Orchestration:** Multi-agent systems with Claude Agent SDK (agent--claude-smith) and agentic-titan framework (1,276 tests) — structured tool invocation, self-correction, session persistence.
- **CI/CD Infrastructure:** 128 GitHub Actions workflows (18 reusable templates), 94 CI/CD pipelines, automated dependency validation across 8 GitHub organizations.

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, and mentoring.

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)