

Anthony James Padavano

DEVELOPER EXPERIENCE ENGINEER (AI & PRIVACY)

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LINKS	Portfolio · GitHub · agentic-titan · ORGANVM System	
PROFILE	Independent software engineer building production-grade developer tools, internal platforms, and multi-agent orchestration systems. Architect of a 103-repository ecosystem governed by 94 CI/CD pipelines, 2,349+ tests, and ~810K+ words of documentation. Specialist in translating complex technical primitives into delightful, scannable developer experiences that reduce friction and accelerate adoption. Focused on API design and developer-first tooling at institutional scale. Full-Stack Developer (Meta). 18 years experience. MFA Creative Writing. LGBTQ+.	
TECHNICAL SKILLS	TypeScript · Node.js · React 18 · CLI Tooling · Technical Writing · GitHub Actions · CI/CD · Zod · pytest · Vitest · YAML/JSON Schema · Docker · Git · pnpm Monorepos · Python · GCP / Terraform · WebSocket · Redis · Nginx · D3.js · p5.js	
SELECTED PROJECTS	ORGANVM Eight-Organ System — 103-Repository Developer Infrastructure	
	A unified technical corpus encompassing 21K code files, 3.6K tests, and 8 independent organizations. Governed by a formal promotion state machine, automated dependency validation, and 128 GitHub Actions workflows on 18 reusable templates.	
	agentic-titan — Multi-Agent Orchestration & CLI Framework	
	TypeScript framework for orchestrating complex, multi-step engineering tasks across autonomous agents. Includes 18 development phases and 1,276 tests. Engineered for high-reliability tool invocation, delightful developer abstractions, and transparent task decomposition.	
	Application Pipeline — CLI-Driven Orchestration Suite	
EXPERIENCE	Python-based CLI suite implementing an 8-dimension scoring rubric and YAML-driven state machine. Automates complex research and content synthesis tasks, translating deep technical evidence into scannable storefront materials for developer adoption.	
	agent--claude-smith — Claude Agent SDK Reliability Layer	
	Agent implementation on Claude Agent SDK with session persistence, self-correction hooks, and structured tool invocation. Designed for production engineering workflows requiring durable state management and developer-first reliability guarantees.	
	Portfolio — Performance-Focused Static Site	
	Astro 5 site governed by a CI/CD "quality ratchet" that enforces strict validation and testing standards. Represents the scannable "Storefront" for 42 published essays (~142K words) documenting developer experience patterns as part of the public process.	
EXPERIENCE	Independent Software Engineer & DX Architect 2020 — Present	
	<ul style="list-style-type: none">Infrastructure Reliability: Designed a corpus of 2,349+ automated tests across 94 active repositories, ensuring correctness and preventing regressions in cross-organizational developer tooling and platform services.Developer Advocacy: Authored 42 published essays (~142K words) on "AI-conductor" methodology, reducing support burden through proactive technical content that translates deep architecture into accessible narratives.AI-Native Automation: Built multi-agent frameworks on Claude Agent SDK with structured tool invocation and self-correction protocols, demonstrating production-grade agentic workflow patterns.Governance at Scale: Engineered 128 GitHub Actions workflows on 18 reusable templates across 8 independent organizations, reducing CI/CD friction and enforcing quality gates at scale.	
	Instructor — Composition, Writing & Complex Systems 2015 — Present	
	<i>Miami Dade College, Keiser University, Nova Southeastern, FAU, Young Harris, Tarrant County, Broward, Palm Beach State</i> <ul style="list-style-type: none">100+ courses across 8 institutions; 2,000+ students. Translating complex technical requirements into accessible tutorials and mentoring junior developers in technical rigor.	
	Digital Marketing Manager 2023 — 2024	
EXPERIENCE	<i>Miami Dade College Foundation (nonprofit)</i> <ul style="list-style-type: none">Architected foundation website overhaul and campaign design, utilizing data analysis to drive a 32% increase in engagement through proactive digital ownership initiatives.	
	Multimedia Specialist 2011 — 2020	
	<i>AJP Media Arts — clients incl. Boca Ballet Theatre, Forward Funding, Arts in Boca</i> <ul style="list-style-type: none">Produced high-volume visual and narrative campaigns; generated 17.5M+ views through technical and creative production.	
	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)	