

# Anthony James Padavano

SENIOR TECHNICAL WRITER (DOCS AS CODE)

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

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| LINKS             | Portfolio · <a href="#">GitHub</a> · <a href="#">agentic-titan</a> · <a href="#">ORGANVM System</a>  |  |
| PROFILE           | Independent engineer and veteran educator (11 years, 2,000 students) building production-grade infrastructure, developer tooling, and AI orchestration systems. Architect of a 103-repository ecosystem governed by automated validation and ~810K+ words of documentation. Specialist in "Docs as Code" methodologies, translating complex systemic architecture into scannable, high-signal "Storefront" documentation for observability and AI-native systems. Expert in Markdown, static-site generators (Astro 5), and GitHub-driven CI/CD workflows. MFA Creative Writing. 18 years professional experience. LGBTQ+.   |  |
| TECHNICAL SKILLS  | Technical Writing · Markdown · GitHub · CI/CD · Python · TypeScript · CLI Tooling · Node.js · YAML/JSON Schema · Astro 5 · Docker · Git · Zod · pytest · Vitest · Claude Agent SDK · GCP / Terraform · WebSocket · Redis · Nginx · D3.js · p5.js   |  |
| SELECTED PROJECTS | <b>ORGANVM Eight-Organ System — 103-Repository Data &amp; Documentation Corpus</b><br>A unified technical corpus encompassing 21K code files and 3.6K tests. Governed by a formal promotion state machine and automated dependency validation. Features 128 GitHub Actions workflows built on 18 reusable templates. Includes ~810K+ words of "Docs as Code" infrastructure across 8 organizations.  |  |
|                   | <b>Application Pipeline — Systems Analysis &amp; Documentation Suite</b><br>Python-based CLI suite for pipeline orchestration: 8-dimension scoring rubric and YAML-driven state machine. Automates intake, research, and synthesis tasks, translating deep technical evidence into scannable documentation and outreach materials.   |  |
|                   | <b>agentic-titan — Multi-Agent Orchestration &amp; CLI Framework</b><br>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 and task decomposition.   |  |
|                   | <b>Classroom RPG Aetheria — AI-Native Learning Environment</b><br>Gamified education platform featuring dynamic AI quest generation. Hardened for production with XSS mitigation and robust failure handling. A prototype for how complex AI interactions can be documented and made resilient.  |  |
|                   | <b>Portfolio — Performance-Grade Documentation Site</b><br>Astro 5 site governed by a CI/CD "quality ratchet" that enforces strict validation and testing standards. Represents the scannable "Storefront" for 42 published technical essays (~142K words).  |  |
| EXPERIENCE        | <b>Independent Software Engineer &amp; Technical Writer</b> 2020 — Present <ul style="list-style-type: none"><li><b>Docs as Code Infrastructure:</b> Designed a 103-repository system governed by automated validation and 94 CI/CD pipelines; maintained a documentation corpus of 810K+ words native to GitHub and Markdown.</li><li><b>Technical Advocacy:</b> Documented "AI-conductor" methodology across 42 published essays (~142K words), exploring the intersection of model capabilities and engineering rigor.</li><li><b>System Reliability:</b> Built a corpus of 2,349+ tests across 94 active repositories, ensuring documentation accuracy through technical correctness and automated verification.</li><li><b>Tooling Orchestration:</b> Developed CLI pipeline tools using Python and YAML schema validation to automate technical research and content synthesis at scale.</li></ul> |  |
|                   | <b>Instructor — Composition, Writing &amp; Complex Systems</b> 2015 — Present<br><i>Miami Dade College, Keiser University, Nova Southeastern, FAU, Young Harris, Tarrant County, Broward, Palm Beach State</i> <ul style="list-style-type: none"><li>100+ courses across 8 institutions; 2,000+ students. Mentoring students in technical rigor and translating complex architectural concepts into accessible educational content.</li></ul>  |  |
|                   | <b>Digital Marketing Manager</b> 2023 — 2024<br><i>Miami Dade College Foundation (nonprofit)</i> <ul style="list-style-type: none"><li>Architected foundation website overhaul and campaign design, utilizing data analysis to drive a 32% increase in donor engagement.</li></ul>   |  |
|                   | <b>Multimedia Specialist</b> 2011 — 2020<br><i>AJP Media Arts — clients incl. Boca Ballet Theatre, Forward Funding, Arts in Boca</i> <ul style="list-style-type: none"><li>Produced high-volume visual and narrative campaigns; generated 17.5M+ views and \$2M in fundraising through technical and creative production.</li></ul>  |  |
|                   | <b>EDUCATION</b><br><b>M.F.A. Creative Writing</b> , Florida Atlantic University 2015 — 2018<br><b>B.A. English Literature</b> , 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)  |  |