

JEREMY D. PRETTY

CHIEF AI OFFICER | ENTERPRISE AI STRATEGY | RESPONSIBLE AI & TRANSFORMATION

Schertz, Texas | 580-481-8501 | jeremypretty@jeremy-pretty.com | jpretty01.github.io

EXECUTIVE PROFILE

Chief AI Officer and technology executive with 15+ years leading enterprise transformation, mission-critical federal programs, software quality organizations, and applied AI initiatives. Establishes responsible AI strategy, governance, and operating models; advises executive teams on investment, risk, compliance, workforce enablement, and market differentiation; and converts emerging technology into scalable capabilities. Combines board-level perspective with deep fluency in generative AI, machine learning, multi-agent systems, cloud platforms, and secure software delivery.

ENTERPRISE LEADERSHIP PORTFOLIO

AI STRATEGY & GOVERNANCE Enterprise roadmaps • AI Center of Excellence • Responsible AI • Policy and standards	GROWTH & TRANSFORMATION AI-enabled offerings • Federal capture • Operating-model modernization • Workforce adoption	RISK & DELIVERY Federal compliance • Cybersecurity • Quality systems • Portfolio governance • Audit readiness
ORGANIZATION BUILDING Executive advising • Cross-functional leadership • PM/QA organizations • Coaching and talent	TECHNOLOGY GenAI • ML • Multi-agent systems • Computer vision • NLP • AWS • Enterprise SaaS	SCALE & IMPACT \$500M+ federal portfolio • \$38M contract • \$500K annual savings • 75% triage gain • 265+ systems

EXECUTIVE EXPERIENCE

Chief Artificial Intelligence Officer | PMAT Inc. 2024–Present

Federal technology contractor | Remote

- Established the enterprise AI vision and multiyear roadmap, aligning adoption, investment priorities, responsible use, and operational transformation with corporate growth and federal customer needs.
- Founded the AI/ML Center of Excellence and instituted governance, policy, standards, and review practices aligned with federal regulation, cybersecurity requirements, and responsible AI principles.
- Advises executive leadership on AI investment, emerging technology, compliance exposure, workforce readiness, and long-range digital transformation decisions.
- Directs evaluation and adoption of generative AI, machine learning, intelligent automation, and AI-assisted software development across corporate and technical operations.
- Integrates AI capabilities into business-development, capture, and solution strategies, strengthening customer value propositions and competitive positioning in the federal market.
- Prioritizes high-value use cases that reduce manual effort, improve decision quality, accelerate delivery, and establish repeatable patterns for enterprise scale.
- Provides executive oversight for project management and quality assurance supporting multiple U.S. Navy contracts and federal programs exceeding \$500 million in aggregate value.
- Built the Quality Assurance function and strengthened project governance through scalable frameworks, leadership dashboards, performance measures, risk controls, and audit-ready evidence.
- Leads and mentors project managers and QA professionals while aligning corporate leaders, government stakeholders, and technical teams around cost, schedule, performance, and contractual outcomes.

Founder & Chief AI Architect | TMFPRETTY, LLC 2024–Present

Certified Service-Disabled Veteran-Owned Small Business (SDVOSB) | Remote

- Sets corporate vision, product strategy, operating priorities, financial direction, and technical architecture for an AI and enterprise-software venture.
- Architected a human-supervised multi-agent operating model with governance, approval logic, workflow orchestration, safety constraints, auditability, and organizational-learning mechanisms.
- Created open-source AI safety capabilities, including Constrails for agent guardrails and Modelstripwire for behavioral regression and high-risk-output detection.
- Designed and launched Caruso, a secure multi-tenant enterprise SaaS platform spanning project management, quality assurance, HR, business development, and systems engineering.

SELECTED LEADERSHIP EXPERIENCE

Project Manager / Senior Test Lead | Blizzard Entertainment 2021–2024

Austin, Texas

- Directed a global quality organization of 12 employees and 50 contractors supporting Graphics, Performance, Online, Game Engine, and Data Science capabilities across major game franchises.
- Developed a Python/NLTK context-aware bug-triage platform that improved accuracy and efficiency by 75% and eliminated approximately 80 daily staff-hours of Jira triage meetings.
- Spearheaded a computer-vision anomaly detection system using Python, OpenCV, and TensorFlow for real-time monitoring, automated discrepancy identification, and evidence capture.
- Owned delivery planning, risk, quality metrics, talent development, and cross-regional collaboration for high-visibility product releases including Diablo IV and Overwatch 2.

Senior Technical Program Manager | United States Air Force Civil Service 2019–2021

Randolph AFB, Texas

- Led migration of mission-critical applications from on-premises infrastructure to AWS GovCloud for the A1 Virtual Data Center program.
- Served as Alternate Contracting Officer's Representative for a multiyear \$38 million fixed-price contract and maintained executive visibility through integrated schedules, financial reporting, and strategic briefings.
- Implemented a modern call-center solution that reduced annual operating costs by more than \$500,000.

EARLIER CAREER

Senior Project Manager, CDO Technologies (2017–2019) • IT Project Manager, BTAS (2017) • Program Manager, P3I Inc. (2016–2017) • System Administrator II / Systems Test Engineer II / Scrum Master, Northrop Grumman (2013–2016) • Associate Program Manager, United States Air Force (2004–2012)

BOARD-LEVEL & TECHNICAL ADVISORY STRENGTHS

- AI portfolio strategy, investment prioritization, vendor and platform evaluation, use-case economics, adoption roadmaps, and value realization.
- Responsible AI governance, human oversight, security-by-design, operational controls, policy development, compliance alignment, and model/agent risk management.
- Executive communication across business, engineering, government, and customer stakeholders; organizational design; performance management; and succession development.
- Applied fluency in generative AI, machine learning, computer vision, NLP, multi-agent systems, enterprise SaaS, AWS, DevOps, and secure software engineering.

ACADEMIC LEADERSHIP

Adjunct professor and doctoral chair across South College, Embry-Riddle Aeronautical University, University of Maryland Global Campus, Southern New Hampshire University, University of Arizona Global Campus, Grand Canyon University, and Capitol Technology University. Current teaching spans Business AI, artificial intelligence, machine learning, computer vision, statistics, project management, and product management. Recipient of the Distinguished Online Teaching Award and multiple Outstanding Educator Awards; published research spans human-computer interaction, human factors, operational fatigue, automation, and alarm management.

EDUCATION & CREDENTIALS

PhD, Product Management	Capitol Technology University
MS, Artificial Intelligence & Machine Learning	Colorado State University Global
MS, Project Management	Embry-Riddle Aeronautical University
MBA	East Texas A&M University
PMP • PMI-ACP • PMI-SP • CTAL-TM • ISTQB-CTFL	