

Daniel Raymond

(862) 239-6279 | drraymond11@icloud.com | www.linkedin.com/in/dan-raymond-770b5958 | theducklabs.com

AI Transformation & Platform Leader | Agentic AI & Applied AI Systems | DevSecOps

Hands-on AI transformation and platform leader with 15+ years across software engineering, DevSecOps, cloud infrastructure, automation, and applied AI. At ATA LLC, helped lead company-wide AI adoption by shaping employee onboarding, responsible-use policies, and agent-assisted workflows across engineering, QA, product, and leadership while building document-intelligence, machine-learning, and AI-assisted quality systems. Previously led a seven-person team and cross-functional modernization initiatives affecting 150+ engineers on a \$500M defense program. Combines organizational enablement with production experience in Python, AWS, Kubernetes, Nix, and agentic AI architecture.

Selected Leadership Impact:

- Helped lead company-wide AI adoption, including employee onboarding, responsible-use policies, and agent-assisted workflows across multiple business functions.
- Contributed to an estimated **\$250K+ in annual engineering and QA efficiency gains** across selected AI and automation initiatives.
- Led a **seven-person team** and influenced work across **150+ engineers** on a \$500M mission-critical defense program.
- Architected Python and Ansible automation that removed approximately two weeks of manual effort per release cycle and generated an estimated **\$1.2M in annual savings**.

CORE EXPERTISE

AI Transformation & Enablement · Applied AI Strategy · Agentic Systems · AI Platform Architecture · Document Intelligence · AI Governance · Build-vs-Buy Evaluation · DevSecOps Transformation · Cross-Functional Leadership · Technical Roadmapping

TECHNICAL STACK

AI/ML: LLM applications, agent orchestration, RAG, structured extraction, supervised ML, OCR, AI evaluation
Development: Python, FastAPI, Nix, Ansible, REST APIs, WebSockets
Cloud & Platform: AWS, Azure, Kubernetes, Docker, Terraform, CI/CD, GitHub Actions
Tools: AWS Textract, Tesseract, PyTorch, Hugging Face, OpenCode, ChatGPT
Security: DevSecOps, secure delivery pipelines, CompTIA Security+ CE

PROFESSIONAL EXPERIENCE

ATA LLC

November 2025 – Present

Python/AI Developer | AI Transformation & Platform Lead

Serve as a Python and AI developer with functional leadership responsibility across AI adoption, platform architecture, document intelligence, machine learning, and AI-assisted software delivery.

- Helped lead ATA's transition toward an AI-native operating model by developing onboarding materials, contributing to responsible-use policies, supporting employee adoption, and establishing agent-assisted workflows across engineering, QA, product, and leadership
- Architected Python, Nix, and container-based services supporting AI, ML, and automation workloads, improving environment reproducibility and reducing deployment and configuration issues
- Built document-intelligence pipelines using Python, Tesseract, AWS Textract, retrieval, and structured extraction, eliminating manual processing for selected document classes and achieving more than 90% extraction accuracy
- Designed supervised ML models using Label Studio and Extra Trees, improving automated field-mapping accuracy by

approximately 40% over the previous approach

- Owned the architecture and implementation of an AI-assisted QA framework that increased automated test coverage to 80% and reduced regression defects by 50%
- Conducted a build-versus-buy evaluation of custom ML pipelines and AWS Comprehend, presenting scalability, maintainability, implementation-effort, and cost tradeoffs to leadership
- Contributed to an estimated \$250K+ in annual engineering and QA efficiency gains across selected workflows

AUTOGRATION

March 2025 – November 2025

Founder & Principal AI Automation Consultant

Founded and led an AI-driven automation consultancy focused on modernizing business workflows and deploying scalable AI systems.

- Founded a consultancy delivering AI-enabled automation, cloud systems, and workflow integration for small businesses
- Designed and launched production applications including IntelPrep, an AI-powered résumé, cover-letter, and interview-preparation platform deployed using Azure Functions, Terraform, OpenAI APIs, document generation, and CI/CD
- Translated client workflows into secure integrations and automations, reducing manual effort by as much as 60% in selected processes
- Owned product strategy, architecture, implementation, deployment, and client delivery from initial discovery through production release

LOCKHEED MARTIN

May 2019 – March 2025

Senior DevSecOps Engineer, February 2023 – March 2025

Led secure DevSecOps and Kubernetes operations supporting mission-critical defense systems in a regulated environment.

- Resolved complex microservice, container, and connectivity issues, saving hundreds of engineering hours per quarter and generating an estimated \$100K+ in quarterly efficiency gains
- Automated image approval and deployment workflows, reducing deployment and setup time by 90% while improving control consistency
- Led Kubernetes reliability improvements that reduced downtime by 50%
- Built automated UI-testing workflows incorporating Python, Robot Framework, OCR, Tesseract, and OpenCV

Integration Lead (Team Lead & Product Owner), October 2021 – February 2023

Led a seven-person team and served as product owner on a \$500M defense program, coordinating work across software, infrastructure, network, and cybersecurity teams affecting more than 150 engineers.

- Architected Python and Ansible automation that replaced multiple tools and removed approximately two weeks of manual effort from each release cycle, generating an estimated \$1.2M in annual savings
- Defined a DevSecOps modernization roadmap aligned with compliance, deployment reliability, and mission-readiness requirements
- Coordinated cross-functional delivery across engineering and operations teams, reducing handoff errors and operational risk

Earlier Roles at Lockheed Martin:

Progressed through operational and DevSecOps roles supporting mission-critical missile defense systems.

VISION AND SECURITY TECHNOLOGY LAB

February 2013 – October 2015

System Administrator

Supported early-stage AI and computer vision initiatives in research environments.

- Contributed to machine learning data calibration for facial recognition systems
- Automated video data collection pipelines to accelerate model training workflows

SELECTED AI PLATFORMS

Della + ExoBrain — Product Architect & Technical Lead

Designed a multi-repository autonomous-agent platform exploring persistent memory, relationships, tool use, initiative, continuous cognition, sandboxed execution, multimodal workflows, and local-model operation. Define product direction, architecture, safety boundaries, evaluation criteria, and acceptance requirements while using AI-native development workflows to accelerate implementation and testing.

WebbDuck — Creator & Maintainer

Built a local-first generative-image studio using FastAPI, WebSockets, PyTorch, Hugging Face Diffusers, and a queue-based GPU worker. Supports SDXL generation, inpainting, outpainting, captioning, model and LoRA discovery, job cancellation, progress reporting, and searchable output management.

EDUCATION

Bachelor of Innovation in Business Information Systems with Engineering Cross-Core

University of Colorado Colorado Springs - 2016

CompTIA Security+ CE - Active through 2027