

JARRETT RAGHNALE

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Active DoD Secret Clearance

AI Integration Engineer | Applied Intelligence Analyst | LLM Automation Specialist

ABOUT ME

AI engineer specializing in LLM integration, vector search, workflow automation, and analytics modernization. Experienced deploying AI systems across enterprise and federal environments, improving data pipelines, dashboards, and automation. Strong background bridging engineering teams, data stakeholders, and mission outcomes.

CORE CERTIFICATIONS

- Oracle Vector AI Certification
- Microsoft Certified: Azure AI Engineer Associate
- CompTIA Security+ (Sec+)
- AWS – Generative AI with Large Language Models
- IBM – Generative AI: Introduction & Applications

PROFESSIONAL EXPERIENCE

AI Integration Engineer & Data Automation Lead

Security Finance (Contract) | 2/2023 – Present

- Developed LLM-powered workflow automations to reduce manual processes across finance operations.
- Implemented **vector search** and **document intelligence** pipelines for internal knowledge retrieval.
- Integrated AI models into enterprise **data pipelines**, Power BI reporting, and analytics workflows.
- Created dashboards to monitor model behavior, automation triggers, and operational KPIs.
- Authored AI-ready requirements, test scripts, and secure integration controls.
- Modernized legacy workflows with AI assistants, improving speed, accuracy, and decision-making.

AI Workflow & Applied Intelligence Analyst

Cisco (Remote) | 5/2021 – 12/2022

- Built automation workflows using Python, RPA tools, and LLM-assisted processing logic.
 - Integrated AI and automation features into enterprise data pipelines supporting dashboards and predictive analytics.
 - Designed Power BI dashboards surfacing model outputs, automation insights, and data health indicators.
 - Automated repetitive engineering tasks, improving velocity and reducing operational load.
 - Supported early prototypes of LLM/Copilot-style internal knowledge systems.
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Scrum Master (DevOps-Enhanced)

Capital One | New York, NY | 8/2020 – 4/2021

- Led Agile delivery for the Zelle modernization initiative with a focus on improving engineering flow, deployment reliability, and automated testing readiness.
 - Partnered with DevOps engineers to streamline CI/CD workflows, reduce manual deployment steps, and improve build visibility across the team.
 - Facilitated integration between development, QA, and cloud engineering teams to accelerate feature delivery and reduce lead time for changes.
 - Coordinated sprint commitments around infrastructure updates, release schedules, and regression automation needs.
 - Ensured user stories included testability, monitoring hooks, and deployment requirements aligned with DevOps best practices.
 - Supported early automation initiatives and cloud migration (AWS) by ensuring backlog items were structured to reduce technical debt and enable smoother deployments.
 - Earned **Tech X Award Nomination** for innovation and delivery excellence.
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SKILLS

AI & LLMs: OpenAI Models, RAG Pipelines, Vector Databases, Prompt Engineering, Copilot Integration

Automation: Python, RPA Tools, Workflow Automation, Scripting, Document Intelligence

Data & Dashboards: Power BI, ETL/ELT Support, Data Modeling, Analytics Automation

Cloud & Engineering: AWS Analytics, Automation Frameworks, Knowledge Retrieval Systems

Delivery: Jira, Azure DevOps, Agile/Scrum, Cross-Functional Collaboration

Security: Security+, PII Handling, Governance & Compliance

