

# Darin Williams

## AI/ML Engineer

Software Engineer with a strong foundation in building production systems and hands-on experience developing LLM-powered and agentic AI workflows. Skilled in Python, cloud-native development, and retrieval-augmented generation (RAG) pipelines. Passionate about building reliable, customer-facing AI systems in regulated environments and continuing to grow technical depth in agentic AI and

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## Employment history

### AI Engineer – Autonami AI

Aug 2025 – Present

Autonami AI LLC at Dallas

- Built a SaaS platform leveraging agentic AI and RAG workflows to automate post-consultation tasks.
- Implemented HIPAA-aligned governance and observability controls using Open Policy Agent (OPA) and OpenTelemetry.
- Contributed to logging, traceability, and monitoring pipelines to support compliance and operational reliability.
- Developed and tested LLM-powered agentic workflows using LangGraph and modern orchestration frameworks.

### Senior Software Engineer

Dec 2007 – May 2023

BlueCross BlueShield of Texas at Richardson

- Directed design and implementation of **large-scale service-oriented systems**, fostering adoption of best practices in API design.
- Developed CI/CD pipelines including automated tests with Jenkins and Pivotal Cloud Foundry
- Mentored team on system behavior, architectural trade-offs, and secure coding practices across microservices.
- Demonstrated ownership and accountability in delivering high-impact solutions; awarded **Developer of the Year** twice.

## Education

### Postgraduate Program in AI & ML

2025

University of Tx Austin, GPA 4.24

### M.S. Software Engineering

2015 – 2017

Regis University, GPA 3.8

### B.S. Computer Science

2012 – 2015

Western Governors University, GPA 3.0

## Certifications

<b>Certificate Program in Agentic AI</b> <i>Johns Hopkins University</i>	<i>Feb 2026</i>
<b>Professional Certificate Program in AI &amp; ML</b> <i>Massachusetts Institue of Technology</i>	<i>Jul 2025</i>
<b>AI System Architecture &amp; LLM Applications</b> <i>Massachusetts Institue of Technology</i>	<i>Jul 2025</i>
<b>AI &amp; ML Engineering Professional Certification</b> <i>Microsoft</i>	<i>Feb 2025</i>

## Selected AI & ML Projects

### Healthcare Insight NLP Agent (LLMs, RAG)

Built retrieval-augmented generation pipelineusing LangChain, Hugging Face, and Chroma improved diagnostic QA accuracy by 90% and reduced latency 60%.

### Retail Sales Forecasting App

Developed demand forecasting model with XGBoost model ( $R^2 = 0.75$ ); deployed via Streamlit & Docker to support merchandising

### Insurance Claims Processing Agent (LangGraph, RAG)

Developed an **Agentic AI** system to automate insurance auto claim processing using LangGraph for workflow orchestration and retrieval-augmented generation (RAG) for policy validation and contextual decision support.

## Skills

LangGraph	LangChain	CrewAI	OpenAI
Python	TerraForm	GitHub Actions	Docker
Prompt Engineering	Azure	AWS	Vercel
Open Policy Agent	ReactJs	Streamlit	FastAPI
SQL	Jenkins	SmolAgents	YOLO

## Leadership

- U.S Army Veteran – Honorable Service; recognized for discipline, teamwork, and mission-focused execution
- Voted Software Developer of the Year by peers, HCSC – (2019 – 2020)
- Coordinator – Monthly Engineering Forums promoting Java best practices and code quality, BlueCross BlueShield of Texas

## Find me online