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

Founder/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

Certificate Program in Agentic AI
Feb 2026

Johns Hopkins University

Professional Certificate Program in AI & ML
Jul 2025

Massachusetts Institue of Technology

AI System Architecture & LLM Applications
Jul 2025

Massachusetts Institue of Technology

AI & ML Engineering Professional Certification
Feb 2025

Microsoft

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

Digitial Twin   Agentic AI   Machine Learning