

Sammie Qadri

Senior AI Engineer & Architect

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<https://github.com/sammie-qadri>

Summary

Senior AI engineer and architect with 8+ years bridging emerging technologies and enterprise systems. I specialize in agentic AI development, enterprise modernization, and cloud-native architecture — driving outcomes in ambiguous environments through a blend of hands-on execution, strategic thinking, and engineering leadership.

Experience

Senior Software Engineer

Jul 2022 – Present

Slalom Build · Full-time · Detroit, MI

Senior AI Engineer & Architect

~7 mos

- Designed an AI-driven system that uses autonomous agent orchestration to modernize legacy mainframe applications, migrating them to a modern, widely adopted backend language.
- Architected agentic AI workflows to automate documentation, code conversion, and orchestration of legacy systems
- Implemented autonomous agent orchestration for code documentation, code conversion, and workflow decision-making
- Established integration patterns for AI-enabled SDLC pipelines
- Reduced manual effort and enabled scalable, repeatable modernization
- Continued facilitating "prototype-in-a-day" innovation workshops and executive AI ideation sessions
- Helped establish CodeScan, an AI-powered modernization-discovery accelerator demoed at an internal Innovation Day, and continue to support it

AI Engineer & Architect

~1 yr

- Built an example multi-agent system demonstrating autonomous, human-in-the-loop engineering workflows.
- Designed multi-agent coordination across architect, coder, and reviewer roles
- Implemented autonomous planning, implementation, and review loops with human-in-the-loop control
- Built reusable AI accelerators and templates adopted across teams
- Used the framework to educate teams on agentic engineering patterns

AI Solutions Engineer

~1 yr

- Led prototype-driven engagements to validate future-state, AI-enabled architectures.
- Delivered "prototype-in-a-day" engagements to accelerate stakeholder alignment
- Helped stakeholders visualize AI-enabled solutions early to de-risk architecture decisions
- Accelerated decision-making and contributed to downstream project expansion
- Introduced fail-fast engineering and experimentation practices

Software Engineer

Feb 2020 – Jul 2022

Ford Motor Company · Full-time · Taylor, MI

Contract Software Engineer

Jun 2019 – Feb 2020

BASF · Contract · Southfield, MI

Software Engineer (Contract)

Mar 2019 – Jun 2019

TEKsystems · Contract · Taylor, MI

Software Developer Project Lead

Sep 2018 – Dec 2018

Wayne State University · Detroit, MI

Skills

AI & ML

RAG, LLM Orchestration, Autonomous Agents, NLP, Prompt Engineering, AI-Enabled SDLC

Frontend

React, React Native, Angular, Next.js, SvelteKit, Design Systems

Backend

Node.js, Java Spring Boot, .NET, C#, Python, REST

Data

SQL, NoSQL, DynamoDB

Cloud

AWS, Azure, GCP

Architecture & Practices

Cloud-Native Architecture, Enterprise Modernization, Agentic Development, Spec-Driven Development, Fail-Fast Experimentation, Code Modernization

Education

Bachelor of Science in Computer Science

Wayne State University

Leadership

TrAILblazers Foundry

Co-Founder & Lead

- AI Community of Practice spanning Detroit and Columbus