



# Sarosh Hussain

AI, Cloud & Digital Transformation Executive

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[LinkedIn](#) | [GitHub](#) | [Upwork](#) | [Website](#)

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A hands-on CTO and AI architect with 20+ years of experience leading digital transformations that generate significant ROI. I specialize in bridging the gap between executive strategy and deep-tech execution, delivering solutions that drive revenue, efficiency, and competitive advantage.

- **Executive Impact:** Led the technology strategy that propelled a major regional builder's revenue from **\$800M** to **\$1.71B** by creating and executing a full cloud and AI modernization roadmap.
  - **Engineering Credibility:** Personally architected and scaled a multi-agent Generative AI platform that cut contract lifecycle times by **90%** for a global legal-tech company.
  - **Market Recognition:** Recognized as a Top 1% expert on Upwork and an active open-source contributor, demonstrating a relentless commitment to hands-on innovation and real-world results.
- Key Technologies:** Python, FastAPI, React, Next.js, Docker, Kubernetes, LangGraph | Azure (Azure OpenAI, AI Search, AKS, Functions, CosmosDB, Dynamics 365) | AWS | Snowflake | Power Platform
- Chief Technology Officer** — [\\_Pendoah \(Fleek\)\\_](#) | Feb 2022 – Present
- **Architected** Lawli.ai, a secure multi-tenant agentic AI platform on Azure, **slashing contract lifecycle management by 90%** and legal research time by **70%** to automate high-value legal work.
  - **Designed** an Azure-native Generative AI platform projected to capture **\$30M+** annually in at-risk revenue for hospital systems by **reducing claim denials by 15%**; architecture leverages Azure AI Search (RAG) and FastAPI for real-time clinical documentation intelligence.
  - **Led** a 70+ member global technology team (AI/ML engineers, data scientists, developers), implementing Agile (SAFe) and DevOps practices to **accelerate product delivery by 30%**.
  - **Delivered** \$10M in annual cost savings and **reduced critical equipment downtime by 20%** for a \$150B energy client by deploying a predictive maintenance platform using Azure Machine Learning and IoT Hub.
- Chief Information Officer** — [\\_Perry Homes\\_](#) | Jun 2017 – Feb 2022
- **Drove** \$50M revenue uplift and **increased customer lifetime value by 20%** through strategic integration of AI-powered Dynamics 365 solutions.
  - **Executed** comprehensive migration of on-premises systems to Azure, **improving system scalability and reliability by 50%** while **reducing IT operational costs by 20%**.
- Director, AI & Cloud Consulting** — [\\_PwC & Omnicom\\_](#) | May 2013 – June 2017
- **Led** high-impact consulting engagements for Fortune 500 clients, delivering AI/ML and automation solutions that achieved **average cost reductions of 15-20%** and **accelerated processing times by over 30%**.
  - **Lead Maintainer, Azure RAG Application:** Architected and maintain a popular end-to-end RAG pattern on Azure serving as a production-ready template for enterprise GenAI; demonstrates best practices in security, CI/CD (GitHub Actions), and LLM integration; managed **280+** commits and external contributions.
  - **Creator, Azure Text Analytics Toolkit:** Developed a Python toolkit leveraging Azure Cognitive Services for advanced text analysis, providing ready-made solutions for common NLP tasks including sentiment analysis and entity extraction.
  - **Architect, E-commerce Microservices Demo:** Built a full-stack microservices application (C#/.NET + JavaScript) on Azure demonstrating modern, scalable cloud architecture and DevOps using Infrastructure as Code (IaC).
  - **Workshop on Generative AI for Shared Services & GBS**, SSONetwork (2024)
  - **Panelist: AI for Business Transformation**, Gartner Houston CIO Summit (2021)
  - **Strategic Cloud Migration & IT Modernization**, NCS CIO-to-CIO Event (2020)
  - **Expert Contributor**, CRN Magazine (2016-2017)
  - **MS, Artificial Intelligence**, University of Houston (Expected 2026)
  - **MBA, Finance & Strategy**, University of Houston
  - **BS, Computer Science**, University of Houston
  - **Certifications:** Azure AI Engineer, Azure Solutions Architect, AWS Solutions Architect, Agile Product Owner, Lean Six Sigma Green Belt, TOGAF Enterprise Architect