Faizan Akhtar Shaikh

Senior Technical Lead | AI & Full-Stack Engineering

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🌐 Portfolio / LinkedIn

Professional Summary

Innovative Senior Technical Lead with 14+ years of experience building scalable enterprise applications and AI-driven solutions. Specialized in architecting intelligent systems using LLMs, vector search, and modern cloud-native architectures. Adept at applying AI as a first-class engineering partner—accelerating development, automating workflows, and transforming the software delivery lifecycle. Proven leadership in designing end-to-end platforms, mentoring engineering teams, and delivering high-impact GenAI products across finance, aviation, and enterprise SaaS.

Core Competencies

- **AI & GenAI Systems:** RAG, NLP/NER, semantic search, LLM agents, LangChain, LangGraph

- **AI-Assisted Engineering:** GitHub Copilot, ChatGPT, Claude, Cursor

- **Architecture:** Microservices, event-driven systems, cloud-native APIs, distributed systems

- **Full Stack Development:** .NET Core, C#, Web API, Angular 12–16, Next.js, React, JavaScript/TypeScript

- **Backend & Data:** Python, FastAPI, Rest API, SQL Server, Oracle, MongoDB, Vector DBs

- **Cloud & DevOps:** Azure Functions, Logic Apps, Service Bus, App Service, Azure DevOps CI/CD, Docker

- **Documentation & Design:** Mermaid, PlantUML, diagrams.net, Figma

AI Tools & Libraries Expertise

LLM Frameworks & Libraries:
OpenAI, Azure OpenAI, LangChain, LangGraph, Microsoft M365 Agent SDK, Microsoft Agent Framework

Vector Search & Knowledge Systems:
Pinecone, ChromaDB, Azure Cognitive Search (Vector), FAISS

AI-Assisted Development:
GitHub Copilot, Copilot studio, Claude, ChatGPT, Cursor

Cloud AI Ecosystems:
Azure OpenAI, Azure AI foundry, Azure Document Intelligence

Work Experience

Senior Technical Lead

Orion Innovation | Mumbai | Oct 2021 – Present

AI & GenAI Engineering

- Architected multiple AI-first applications using OpenAI GPT-4o, Azure AI, LangChain/LangGraph, and vector databases.
- Built RAG-based conversational systems, document intelligence pipelines, and domain-specific LLM agents.
- Designed scalable backend architectures using Python, FastAPI, .NET Core, and Azure cloud services.

Technical Leadership

- Lead teams across design, architecture, implementation, and deployment of enterprise apps.
- Set coding standards, engineering workflows, and CI/CD automation using Azure DevOps.
- Collaborated closely with business stakeholders, product teams, and domain experts to deliver high-impact features.

Key Projects

📌 **Document Analyzer (KPMG)**

Sr Technical Lead | Python, LangGraph, FastAPI, Angular 16, OpenAI, Azure DevOps

Built an AI-driven document analysis engine that converts financial documents (10-Ks, ledgers, statements) into interactive, insight-rich UI screens.

Highlights:

- Developed pipeline using Python + LangGraph for intelligent parsing & summarization.
- Used OpenAI LLMs for risk identification, insights clustering, and financial context extraction.
- Delivered interactive dashboards via Angular 16 aligned with AG-UI standards.

Impact: 40% reduction in manual review time, improved decision-making accuracy.

📌 **Funding Request Copilot (American Airlines)**

Sr Technical Lead | Copilot Studio, Azure Logic Apps, Blob Storage, DevOps

Designed an intelligent Q&A-driven Copilot agent automating department-level funding requests.

Highlights:

- Modeled conversational flows in Copilot Studio.

- Automated backend workflows with Logic Apps for document orchestration.

- Integrated secure Blob Storage for scalable document handling.

Impact: Automated document creation, drastically reducing turnaround time.

📌 Software Asset Management Platform (Livingstone)

Sr Technical Lead | Angular 14, Azure Functions, Logic Apps, OpenAI, Azure DevOps

Developed enterprise SaaS platform for contract intelligence, software usage insights, and predictive analytics.

Highlights:

- Built chatbot powered by GPT-4o for enterprise database semantic queries.

- Implemented document translation pipeline using Azure Document Intelligence.

- Developed Angular modules with AG-Grid and integrated backend APIs.

📌 GPT-4o Chatbot & Document Translator

Azure OpenAI, Vector DB, Azure Logic Apps

- Created contextual chatbot using RAG, vector embeddings, and custom entity extraction.

- Built automated translator for contract/legal documents using Azure Document Intelligence.

📌 ReALM – Regulatory Information Management | Orion Innovation

Technical Lead | .NET Core, Angular 12, SQL Server, Azure DevOps, Azure Cognitive service

Designed and led development for a regulatory information management platform used across the pharmaceutical value chain—streamlining regulatory strategy, submission planning, publishing, and compliance tracking for global drug products.

Highlights:

- Architected and developed scalable .NET Core Web APIs powering regulatory workflows and structured data operations.

- Designed the front-end application architecture in Angular 12 with seamless integration to backend services using Kendo UI.

- Implemented CI/CD automation through Azure DevOps, ensuring faster, reliable deployments across environments.
- Mentored and guided the engineering team across design reviews, development standards, and performance improvement.

Impact: Improved operational compliance, accelerated document submission processes, and strengthened cross-team collaboration.

Earlier Roles

Senior Software Developer – KROLL (2019 – 2021)
Senior Software Developer – SurePrep (2018 – 2019)
Senior Project Executive – Fox Solutions (2015 – 2018)
Senior Software Developer – Winjit Technologies (2010 – 2015)

Education

Master of Computer Application (MCA) – Pune University
Bachelor of Science (B.Sc.) – Pune University

Technical Skills

- **Languages:** Python, C#, Web API, JavaScript/TypeScript
- **Frameworks:** .NET Core, Angular 12–16, FastAPI
- **Cloud:** Azure App Service, Functions, Logic Apps, Service Bus
- **Databases:** SQL Server, Oracle 12c, MongoDB, Vector DBs
- **Tools:** Git, Azure DevOps, Postman, Docker, Figma

Additional Strengths

- Strong system-level thinking and architecture skills
- Rapid prototyping with AI-assisted workflows
- Effective mentor and leader for cross-functional teams
- Excellent communication with technical + non-technical stakeholders

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