



Arshad Ahamed

Agentic AI Engineer · Applied AI Engineer · Azure

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Website · LinkedIn · Freelance · GitHub

Visa: requires sponsorship · Notice: immediate.

PROFILE

Production grade AI engineer on Azure for enterprise operations, logistics, cold chain and telecom. I understand the customer problem and the technology at the same time: **deterministic code owns money, limits and permissions**, AI owns extraction, retrieval and explanation, humans approve high impact actions. Open to GCC roles across the UAE, Saudi Arabia and Qatar.

- **Ship production grade AI on Azure: Container Apps, UAE North residency, OpenAI and open models, Docker, CI/CD, observability.**
- **Turn business problems into governed systems that run: deterministic code owns money and permissions, AI owns extraction and explanation.**
- **Prove impact in numbers: billing errors 6% to 0.4%, month end close 6 days to 1, 11% lower stock loss, INR 1.2L spoilage avoided monthly.**
- **Make AI safe to deploy: least privilege, human in the loop, prompt injection defence, audit trails, eval sets and regression gates.**

WORK EXPERIENCE

AI Consultant

Bangalore, India · Jan 2023 – Present

Soudagar Traders (family owned egg distribution and food supply business) · 10 vehicles · 20+ staff · 47 manual hours removed per month

- Cut invoice errors from 6% to 0.4% and month-end close from 6 days to 1.
- Cut perishable stock loss 11%, avoiding about INR 1.2 lakh of spoilage monthly.
- Removed about 47 manual hours per month across purchasing, stock and reporting.
- Set the governance split: deterministic code owns money, AI extracts and explains.

CORE SKILLS

- **Agentic systems:** Multi-agent orchestration, LangGraph, LangChain, MCP, tool calling, bounded autonomy, approval gates, audit trails.
- **Applied AI and LLMs:** RAG, vector database (Azure AI Search), embeddings, grounding, document intelligence, structured extraction, evals, forecasting.
- **Guardrails and governance:** Deterministic rules, least privilege, authz, human in the loop, prompt injection defence, retention.
- **Cloud and engineering:** Azure, Container Apps, Docker, CI/CD, AIOps, observability, Python, FastAPI, React, REST.

AI FOCUS AREAS

- **RAG:** Chunking, embeddings, hybrid and vector search on a vector database (Azure AI Search), reranking, citations, grounded answers 93% on a 50 case eval set.

- **Agentic AI:** Multi-agent orchestration with LangGraph and LangChain, MCP tool servers, function calling, planning, bounded autonomy, human in the loop approvals.
- **Prompt engineering and fine tuning:** Structured output, few shot, system prompt design, LoRA and PEFT adaptation, distillation for cost.
- **LLMOps and AIOps:** Eval sets, golden datasets, regression gates, tracing, token cost and p95 latency budgets, drift monitoring.
- **Responsible AI and guardrails:** Prompt injection defence, PII redaction, hallucination controls, access control, audit trails, EU AI Act and NIST aligned.

PROJECTS

HAFIZAL GHIDHA · GCC cold chain and food compliance intelligence

gidha.arshadify.online

Shipment, reefer and trade document workflows for GSO aligned food safety. A rules engine issues accept, hold or reject; AI extracts documents and explains decisions in Arabic and English.

Task success 88% · Extraction accuracy 95% · Rule accuracy 98% · Grounded answers 93% · p95 latency 34s · Cost per doc INR 5 · Human review 7% · Eval set 50 cases

Python, FastAPI, React, RAG, Docker, Azure

mcpgateway · Safe AI for the telecom support desk

mcpgateway.arshadify.online

Azure Container Apps, UAE North. Eight MCP tools behind eight ordered authorization checks that deny by default. Refunds never reach a payment system: they become supervisor approvals with evidence.

MCP tools 8 · Authz checks 8 · Autonomous money moved GBP 0 · Credit ceiling GBP 5.00 · Calls logged 100% · Authz precision 97% · Test coverage 95% · Eval set 80 cases

MCP, FastAPI, MongoDB, Auth0, OpenTelemetry, Azure

SOVEREIGNTY AND PRIVACY BY DESIGN

- Region and residency planning for data, embeddings, prompts, outputs and logs.
- Identity, RBAC, private connectivity, secrets, encryption and deletion by design.
- Compliance language kept precise: aligned with, assessed against or certified under.

RECOGNITION

- \$101K Azure founders credits awarded for a supply chain AI pitch.
- Recognised as a top performer building and selling enterprise AI agents by lyzr.ai.
- Available for GCC roles and freelance engagements, remote or on site.

EDUCATION

Bachelor of Engineering, Computer Science · SJB Institute of Technology, Bangalore

2022