

# MUHAMMAD ALI

## AI Solutions Engineer & CTO

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■ Pakistan → Open to Relocating to Canada

### PROFESSIONAL SUMMARY

AI Solutions Engineer and CTO with **5+ years** of experience architecting production-grade **Agentic AI systems**, multi-tenant SaaS platforms, and enterprise applications. Expert in **LangChain/LangGraph** multi-agent orchestration, **RAG pipelines**, **MCP (Model Context Protocol)**, and multi-LLM integration (OpenAI, Azure, Gemini). Built **100,000+ line** AI customer service platform featuring 35+ intelligent tools, 15+ OAuth integrations, and real-time e-commerce sync. Proven track record delivering fintech ecosystems (**55K+ LOC solo**), computer vision systems (**97.5% accuracy**), and scalable backend architectures serving multiple international markets.

### TECHNICAL SKILLS

**AI/ML & Agentic AI:** LangChain, LangGraph, LlamaIndex, CrewAI, AutoGen, MCP, OpenAI GPT-4o, Azure OpenAI, Gemini, Claude

**RAG & Vectors:** RAGFlow, Elasticsearch, FAISS, Chroma, Pinecone, Weaviate

**Deep Learning:** TensorFlow, PyTorch, Hugging Face, Sentiment Analysis, Intent Classification

**Computer Vision:** OpenCV, FaceNet, MTCNN, YOLO, Real-time Video Processing

**Backend:** Python, FastAPI, Flask, Go, PostgreSQL, Redis, SQLAlchemy (Async), Celery

**Mobile:** Flutter, Dart

**DevOps:** Docker, Kubernetes, GitHub Actions, Nginx, AWS, Azure, GCP, Grafana, Prometheus

**Integrations:** OAuth 2.0, Shopify, WooCommerce, Stripe, Twilio, Meta APIs, Google Calendar

### PROFESSIONAL EXPERIENCE

#### Co-Founder & CTO

*Fynccall — AI-Powered Customer Service Platform | December 2024 – Present*

- Architected **100,000+ line** production codebase with **150+ REST API endpoints** and **80+ database models**
- Designed **multi-agent AI system using LangGraph** with Supervisor Agent routing to specialized Commerce, Knowledge, and Support agents
- Built **35+ intelligent AI tools** for customer lookup, order management, cart operations, ticket automation, and knowledge retrieval
- Implemented **MCP (Model Context Protocol)** for Shopify Storefront integration; developed **NL-to-workflow engine**
- Integrated **multi-LLM orchestration** (OpenAI, Azure, Gemini) with dynamic provider selection and token budget management
- Built **RAG-powered knowledge base** with RAGFlow + Elasticsearch achieving sub-second semantic retrieval
- Unified **5 messaging channels** (WhatsApp, Instagram, Email, SMS, Web Widget) with **<100ms WebSocket latency**
- Deployed **17+ Docker containers** with full observability stack (Grafana, Prometheus, Loki) and CI/CD with auto-rollback

#### CTO & Co-Founder (50% Partner)

*Builderson Group — Hong Kong (Remote) | August 2024 – Present*

- **PayAll (Solo):** Built complete fintech ecosystem with **55,000+ LOC** across 4 apps — FastAPI backend (200+ endpoints), Flutter mobile, custom DAG blockchain, LoRaWAN payment protocol
- **Match and Help:** Led development of **62,000+ line Flutter app** with intelligent volunteer matching algorithm, bidirectional Google Calendar sync, real-time chat
- **Monduo:** Architected spatial telepresence system with WebRTC, LiveKit SFU, 3-camera routing for 50+ concurrent participants, <150ms latency target

#### ERP Team Lead / Technical Manager

*Consolidated Consultancy Group — Tripoli, Lebanon | February 2024 – April 2025*

- Deployed complete **on-premise Odoo infrastructure** with custom Lebanese Accounting Module (multi-currency)

- Built **LLM-powered modules for KnowledgeBox** online education platform; developed Mutual Funds Solution for Chamber of Commerce

Technical Lead

ITECH GEMINI — Lahore, Pakistan | January 2023 – December 2023

- Led team building **4 LLM-powered mobile apps**: RemoteTal (recruitment), CodeAI (programming assistant), PizzaGPT, Speech AI
- Implemented prompt engineering frameworks, image-to-text processing, and intent classification systems

Mobile Application Developer

Revisable — India (Remote) | August 2022 – December 2023

- Developed **AI-powered study platform** for MBBS, NEET, USMLE, CFA students with ChatGPT integration, smart flashcards, payment systems (Razorpay, Stripe)

KEY PROJECTS

<b>Project</b>	<b>Role</b>	<b>Scale</b>	<b>Key Technologies</b>
Fyncall	Co-Founder & CTO	100K+ LOC, 35+ AI tools	LangGraph, MCP, RAG, 15+ OAuth
PayAll	Lead Engineer (Solo)	55K+ LOC, 200+ endpoints	FastAPI, Flutter, LoRaWAN, DAG
Match and Help	Technical Lead	62K+ LOC, 60+ screens	Flutter, Firebase, Google Calendar
Monduo	Technical Architect	System Design	Go, LiveKit, WebRTC

EDUCATION

Bachelor of Science in Computer Science

University of Central Punjab, Lahore, Pakistan | 2016 – 2021

- **Final Year Project**: AI Face Recognition Attendance System — FaceNet/MTCNN achieving **97.5% accuracy** at **25 FPS** across 150+ students

CERTIFICATIONS

- Flutter Development Certification • Data Science and Machine Learning: Zero to Mastery • Odoo Technical Training

LANGUAGES

English (Professional) • Arabic (Professional) • Urdu (Native) • Punjabi • Hindi