

UMER ALI

Agentic AI Engineer & Full-Stack Developer

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Karachi, Pakistan



SUMMARY

Certified Agentic AI Developer and Full-Stack Engineer specializing in designing, building, and deploying production-grade autonomous AI systems. Experienced in multi-agent architectures, LLM orchestration, Model Context Protocol (MCP), and end-to-end business workflow automation. Passionate about engineering production-ready, reliable AI ecosystems that interface seamlessly with live APIs, external databases, and enterprise applications to deliver measurable business metrics.

For further details check out my Portfolio Website ([Umer Ali - Portfolio Website](#)).

EXPERIENCE

AgenticAI Architect & Developer

Independent Projects & Open Ecosystem

2025 – 2026

- Engineered high-performance multi-agent AI systems utilizing OpenAI Agents SDK and Google ADK, incorporating robust structured orchestration logic, behavioral guardrails, and automated evaluation loops.
- Designed and executed Digital FTE (Full-Time Equivalent) production systems capable of autonomously handling real-world business operations through secure tool calling and direct live API integrations via Model Context Protocol (MCP).
- Developed state-of-the-art RAG architectures and enterprise-level automation pipelines using n8n to safely connect Large Language Models with external databases and production systems using strict spec-driven engineering.

Full-Stack Engineer & Freelancer

2026 - present

Fiverr

- Designed, built, and delivered a production-ready e-commerce flagship application (Stride Shoe Store) leveraging modern Next.js, React, Tailwind CSS, and shadcn/ui.
- Implemented full production asset optimization, SEO-friendly architectural layouts, and highly responsive mobile-first component environments, achieving fast builds and zero-overhead deployments on Vercel.
- Collaborated with global clientele to translate concrete business requirements into maintainable, well-documented, clean component codebases.

PROJECTS

Physical AI & Humanoid Robotics Embedded RAG Chatbot Textbook

- Architected and embedded a production-grade RAG-powered chatbot within a full Docusaurus technical textbook platform covering complex domains including Physical AI, ROS2, NVIDIA Isaac Sim, and Vision-Language-Action (VLA) models.

Autonomous Task Management Chatbot (Autonomous Todo).

- Built an autonomous, multi-layer task management system using the OpenAI Agents SDK paired with a custom-engineered FastMCP server to securely map, translate, and execute natural language queries into production database operations.

Premium Stride Shoe Store (3D Animated)

- Built STRIDE  — a premium sneaker store with immersive 3D animations and smooth, interactive product showcases.
- Designed to make online shoe shopping feel as engaging as walking into a flagship store.

Enterprise Gmail Automation Pipeline via n8n

- Created a robust workspace automation engine that natively reads, categorizes, drafts, and dispatches responses autonomously using specialized LLM agents, cutting standard manual overhead down to near zero.

SKILLS

AI & Agentic Engineering

Multi-Agent Architectures LLM Orchestration

OpenAI Agents SDK Google ADK

Model Context Protocol (MCP) Guardrails

Evaluation Loops

Automation & Data

Retrieval-Augmented Generation (RAG)

n8n Enterprise Pipelines Flow Automation

Database Operations Spec-Driven Engineering

Frontend & Design

Next.js React TypeScript Tailwind CSS

shadcn/ui Responsive Mobile-First Design

Performance Optimization

Backend & Deployment

Node.js FastMCP Servers REST APIs

Vercel Production Deployment

Production-Grade Asset Builds

CERTIFICATIONS

Agentic AI Level 2 Developer

PIAIC (2025)

Model Context Protocol Level 2 Developer

PIAIC (2025)

Prompt & Context Engineering Level 2

PIAIC (2025)

EDUCATION & TRAINING

Agentic AI Engineering

Presidential Initiative for AI & Computing (PIAIC)

Generative AI & Cloud Engineering

Governor Sindh Initiative (GIAIC)

Agentic AI Deep Program

Saylani Mass I.T Training (SMIT)

Intermediate

Adamjee Govt. College (Engineering)