

MUHAMMAD HAIDER AKBAR

AI Automation Engineer | Agentic & LLM Systems

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EDUCATION

Bachelors Degree in Data Science

Islamabad, Pakistan

National University of Computer and Emerging Sciences | FAST

PROFESSIONAL EXPERIENCE

AI Automation Engineer Nysonian Inc.

May 2026 - Present
Islamabad, Pakistan

- Built a brand protection platform that hunts counterfeit listings and files DMCA takedowns.
- Surfaced infringing sellers by pairing reverse image search with Scrapling stealth scraping.
- Protected **\$500K+** in client revenue by taking down over **300 infringers** across the open web.
- Shipped **15+** brand reputation automations on n8n, from Trustpilot digests to live Reddit alerts.

Software Developer Epistemy (Remote)

Sep 2025 - Oct 2025
London, UK

- Built an ed-tech platform cutting teacher review time by **58%** via full workflow automation.
- Tracked student progress across **10+ sessions** by designing a cross-session Memory agent.
- Delivered the post-session suite in **2 minutes** by parallelizing a 9 Agent LangGraph pipeline.
- Cut LLM API costs by **39%** by adding a Critic agent that filters out low-confidence outputs.

AI Engineer DMLytics

Feb 2025 - Jul 2025
Islamabad, Pakistan

- Built a drone mapping platform cutting flight planning time by **57%** from a user-drawn boundary.
- Accelerated **300GB+** imagery preprocessing by **61%** by automating the ingestion pipeline on GCP.
- Reduced misaligned map tiles by **78%** by engineering image alignment and tilt correction.
- Cut map assembly time by **40%** by orchestrating stitching, enabling crop analytics on **500+ acres**.

PROJECTS

JobSwipe 🐙 🔄 Python | Next.js | LangGraph | RAG | Llama Index | FAISS | Redis

- Built an AI career platform where candidates swipe through live listings matched to their resume.
- Orchestrated listing discovery through fit scoring with a four-agent LangGraph pipeline.
- Coached users with skill gap analysis, learning recommendations and competency quizzes.
- Turned a right swipe into a RAG-tailored resume, a cover letter and an auto-submitted application.

JobScout 🐙 🔄 Python | Scrapling | Redis | Supabase | GitHub Actions

- Built a fully unattended job board scraper keeping a live index of fresh listings in production.
- Swept LinkedIn and Indeed across **60 curated roles** with stealth browsers that evade anti-bot defenses.
- Delivered clean data **8 times** a day: deduplicated, enriched with skills, salary and experience signals.

MondAI n8n | MCP | Anthropic | GraphQL | Prompt Engineering

- Built a conversational Monday.com assistant turning natural language into board actions over MCP.
- Handled item creation, updates, status queries and column setup through plain chat with error recovery.
- Onboarded new boards in under 2 minutes and cut failed API calls by 68% via validated mutations.

StaffSync n8n | Workflow Automation | Slack API | Supabase | Cron Scheduling

- Built an HR automation suite living in Slack, covering attendance, request routing and payroll.
- Let employees mark attendance and file requests in plain English, with auto-checkout as a safety net.
- Cut HR admin overhead by 91% and delivered salary slips to employees in under 60 seconds.

HONORS & AWARDS

4x Dean's List of Honors | 2x Winner of Hackathon | 2x Winner Debating Contest

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript

AI & Automation: LangChain, LangGraph, LangSmith, CrewAI, n8n, MCP, Webhook Integration

Generative AI: RAG, Prompt Engineering, Context Engineering, FAISS, Pinecone, Chroma

Scraping & Data: Scrapling, Playwright, OpenCV, Redis, PostgreSQL, MongoDB, Supabase

Cloud & DevOps: AWS, Azure, GCP, Docker, GitHub Actions, CI/CD, Linux

Web: FastAPI, Next.js