Yousef Alshuwayi

AI Engineer

Riyadh, Saudi Arabia | yousefalshuwayi@gmail.com | +966 50 600 7446 | linkedin.com/in/yousefalshuwayi | github.com/Yousef4Git | youusef.com

SUMMARY

AI Systems Engineer at Noon Academy. I build AI-enabled products and operational software, from requirements to launch and handover. My experience combines full-stack engineering, data integration, human-reviewed AI workflows and teaching computer science courses to 2,000+ students.

SKILLS

AI and agents	LLMs, RAG, Prompt engineering, LangChain, LangGraph, CrewAI, AutoGen, MCP, Agent evaluation (LLM-as-judge), AgentOps
Programming	Python, TypeScript, JavaScript, SQL
Data	pandas, NumPy, scikit-learn, PostgreSQL, pgvector, Redis
Web and full-stack	Next.js, React, Tailwind CSS, FastAPI, Node, Convex
Cloud and infrastructure	AWS, Vercel, Docker, GitHub Actions
Ways of working	Git, CI/CD, Requirements gathering, Technical planning, Roadmap delivery, Stakeholder communication

EXPERIENCE

AI Systems Engineer, Central Operations, Noon Academy Jul 2026 to Present

- Built a portal in Arabic covering the trainee journey, trainers' daily work and programme administration; the Training & Development team can launch and run standard cohorts without routine engineering support.
- Built a daily integration that keeps employees' work locations, sections and direct managers in the HR platform aligned with their operational placements; go-live reconciled a few hundred records with zero errors.
- Built the student platform, teacher board and admin tools of the MCIT × Noon generative AI learning platform, and created the Arabic learning content.
- Co-created and delivered the boys' AI Week session: 525 attended; 88% positive in the end-of-session survey.
- Judged the Educational Games Industry Hackathon, run with MCIT and supported by Replit.

Co-Founder, AI and Software Consulting, GHRS Ventures Jan 2025 to Jul 2026

- Built and launched software for Saudi businesses through GHRS: rebuilt websites, automated WhatsApp Business and connected internal tools to customer channels.
- Delivered an education AI system with rule-based decisions and human review: fixed rules score each student's risk and an AI model handles only the Arabic text, never the scoring, so every decision stays auditable.
- Caught corrupted source data with notes filed under the wrong students, flagged it in a data-quality review, and kept it out of anything a parent would see.
- Added an LLM-as-judge check on every AI-written message before a person approves it, and cut a full run from about 71 model calls to about 5 with caching.
- Advised a freight company on its AI architecture.

Instructor, Shaguf Educational Platform Jan 2022 to Present

- Taught computer science courses to 2,000+ students, with a 4.9/5 learner rating.

Staff Manager, Riyadh Metro Launch, YAX (Your Amazing Xperience) Nov 2023 to May 2025

- Managed the deployment of 1,500 staff across 85 Riyadh Metro stations in one month for the launch. Promoted twice within a year.

PROJECTS

Rusokh, course platform 2026

- Built my own course platform after hitting the same walls on every platform I taught on, and kept improving it until it became a full platform: bilingual (Arabic/English), payments, video delivery, live and in use today. Next.js 15, Convex, Moyasar, Bunny.net.

Trayath, Apple AI program project 2025

- An assistant for day-to-day financial decisions, built in Apple's AI program (selected 1 of 66).

EDUCATION

BSc Computer Science
Imam Muhammad ibn Saud Islamic University (IMSIU)

CERTIFICATIONS

AWS Certified AI Business Strategist (Early Adopter), Amazon Web Services Training and Certification.
Agentic AI Bootcamp, SDA Academy, 2026. Selective admission.
Apple AI Program, Apple Developer Academy and Tuwaiq, 2025. Selected 1 of 66.
Data Science & ML scholarship, KAUST Academy, 2025.
Vibe Coding, SDAIA, 2026.
Certified Data Management Professional (CDMP), Associate, DAMA, 2026.
McKinsey Forward, McKinsey & Company, 2026.
Introduction to AI, KAUST Academy, 2026.
Data courses, University of Michigan, 2025.

LANGUAGES

Arabic: native · English: professional working proficiency