

Khaled Omar

Software & AI Engineer

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SUMMARY

Software & AI Engineer focused on full-stack products, LLM-powered assistants, LangGraph workflows, automation, and practical AI features that support real business operations. Strong Python, backend, and web-development foundation with experience taking products from interface and API to deployment.

EXPERIENCE

Software & AI Engineer <i>Benefits Hero</i>	Jul 2025 – Present <i>Remote</i>
Designed LangGraph-powered assistants and action-capable automation workflows; integrated AI features into Vue.js and Laravel customer products; partnered with product teams to turn requirements into reliable AI-enabled journeys.	
Software & AI Engineer <i>Swtyw</i>	Feb 2026 – Jun 2026 <i>Hybria</i>
Built and maintained the main website, LangGraph workflows, and action-capable chatbots while contributing front-end and backend improvements to usability and operational flow.	
Co-Founder & Instructor <i>AK Academy</i>	May 2025 – Dec 2025 <i>Remote</i>
Co-founded the academy and led practical workshops, project-based mentoring, and one-to-one coaching.	
Software Engineer Intern <i>Orange Egypt</i>	Sep 2025 – Oct 2025 <i>On-site</i>
Contributed React and Express.js front-end and backend features within an established internal-systems team.	
Solutions Architect Intern <i>e& Egypt</i>	Aug 2025 – Sep 2025 <i>On-site</i>
Translated business requirements into feasibility assessments and structured solution documentation.	
Python Instructor <i>Code Rifters</i>	May 2023 – Apr 2024 <i>Cairo, Egypt</i>
Taught Python fundamentals, scripting, automation, and file-system operations through hands-on practice.	

PROJECTS

- Wisely Insure Car Insurance Comparison Engine**
Built the bilingual customer UI, backend, integrations, and production deployment for a clear car-insurance comparison journey.
- KARAR — Group Outing Decision Platform**
Built the public site, mobile application, and admin panel for coordinated place discovery, voting, attendance, and receipt splitting.
- Talent Worth AI HR Assistant**
Built and integrated an AI-powered HR chatbot that maps organisational challenges to practical next steps.
- Mighty Leap Website**
Built the complete responsive marketing website and public product experience.
- Talent Worth Organisational Assessment**
Built and deployed a six-step organisational assessment with focused recommendations.

EDUCATION

B.Sc. Computer Science, Artificial Intelligence

Cairo University · 2022 – 2026 · GPA 3.56 / 4.00

Certified Data Scientist Professional

Epsilon AI Institute · Issued Oct 2024

SKILLS

AI: LangGraph, LLM integrations, AI agents, chatbots, workflow automation

Engineering: Python, React, Next.js, Vue.js, Laravel, Django, Express.js, REST APIs

Cloud: AWS, Docker, Linux, Git, GitHub

CERTIFICATIONS

AWS Certified AI Practitioner · Advanced Learning Algorithms · Mathematics for Machine Learning · AWS Cloud Practitioner (CLF-C02) · 100 Days of Code:

Python Bootcamp