

PATRICK SAADÉ

AI Engineer

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PROFILE:

I'm an AI engineer, and I build the AI layer of products: assistants, agents and machine learning features people actually use. A demo is the easy part. I take it the rest of the way, to something accurate, safe with your data, and worth coming back to. I've done that inside a UAE ministry, co-founded the AI department of a \$3bn healthcare group, and shipped products used every day. Working in English, French and Arabic.

SKILLS:

- Python, JavaScript
- PyTorch, Hugging Face, NLP
- Vector databases, RAG
- OpenAI, Claude, Qwen
- React, FastAPI
- Agents, tool calling
- LangGraph, LlamaIndex
- Docker, Kubernetes, AWS, Azure
- LLM evaluation

WORK EXPERIENCE:

Senior AI Consultant (Contract)

Mar 2025 – Present

GlobeMed Group, Beirut, Lebanon

- Lead AI initiatives in Bahrain and Saudi Arabia: intelligent document parsing, claims case summaries.
- Built the LLM evaluation framework; structured the department's codebase, architecture and standards.
- Mentor two junior engineers, hands-on in solution design and implementation review.

AI Engineer

Dec 2025 – Jul 2026

Zaka.ai / MadeBy, Beirut, Lebanon

- Shipped customer-facing LLM features in a commercial SaaS (React, FastAPI, AWS, OpenAI), used by hundreds.
- Designed a 100-participant Certified AI Consultant curriculum; mentored 20 interns and capstone students.

AI Engineer

Mar 2025 – Dec 2025

Inheaden for the UAE Ministry of Human Resources and Emiratisation, Dubai

- Architected and owned a text-to-SQL chatbot over the national workforce database (7 million individuals), 80 to 90% accuracy on 1,000+ evaluated queries, in English and Arabic.
- Rebuilt a failed forecasting platform in two weeks, about 70% faster, keeping row-level data out of the LLM.
- Presented milestones to the ministry's Principal Labour Data Scientist and the Undersecretary.

Machine Learning Engineer

Sep 2024 – Mar 2025

GlobeMed Group, Beirut, Lebanon

- Co-founded the AI/ML department: pitched a working demo to the CEO; full funding secured in six weeks.
- Fine-tuned MarianMT for Arabic-English medical translation; grew training data from 1K to 15K records.

AI Engineer

Sep 2023 – Sep 2024

Augment Digital Facilities Services, Luxembourg

- Built a LangGraph RAG assistant over equipment manuals and a text-to-SQL chatbot for a BIM platform.

Machine Learning Engineer, Intern

Sep 2022 – May 2023

Quantmetry (Capgemini Invent), Paris, France

- Built the internal MLOps platform on AWS and Kubernetes (Terraform, Ansible, Kubeflow, Seldon Core).

EDUCATION, CERTIFICATIONS AND LANGUAGES:

MSc Artificial Intelligence Systems, EPITA, Paris, France

Jun 2023

BSc Management Information Systems, Université Saint-Joseph, Beirut, Lebanon

Jun 2020

Certifications: Microsoft Azure AI certification, Anthropic Claude certification

Sep 2026

Languages: Arabic (native), French (native), English (fluent)