

Hadi Abou Daya

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AI / ML CONSULTANT

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Valid French residence permit: Passeport talent - EU Blue Card

PROFESSIONAL EXPERIENCE

Amazon Web Services (AWS) | Delivery Consultant AI/ML, ProServe

May - Oct 2026

- Conceived, built and deployed a multi-tenant **Bedrock/AgentCore customer pilot** with A2A, translating client needs into company knowledge Q&A, enterprise actions and multi-step workflows. Addressed **data-sovereignty and security** requirements through approved-region storage and processing, tenant/session isolation, role-based access, encryption and private networking.
- Built an AWS Transform modernisation prototype at Agentic August; contributed to a client Redshift proof of concept.

Independent Consulting | AI/ML Consultant

Jun 2023 - May 2026

Supportful

Dec 2025 - May 2026

- Delivered a multi-tenant **LangGraph sales copilot** for lead qualification and human-reviewed Slack drafts, connecting Salesforce and Gmail; deployed in production on AWS via Terraform with isolated databases and vector stores.
- Built a **production Salesforce MCP server** in Python/FastMCP, enabling sales teams and leadership to query and update CRM records with their existing roles and permissions; **reduced manual entry** by completing multiple actions in one conversation.
- Engineered the sales-agent harness with workflow state, memory, failure recovery, **evaluations and human approval controls**.
- Built a client portal for engagement tracking and cited meeting Q&A; demos contributed to **signed client contracts**. Delivered production AI for a global bank's earnings-call preparation, investment-fund contract review and industrial product Q&A.
- Delivered production AI for Saudi sports facilities: web/WhatsApp **booking and payment workflows**, telephone booking and **conversational React charts** on revenue, staffing and trainers; enabled Arabic, image/voice input and human handover.

MOPO

Jun 2023 - Jan 2026

- Led the **multi-LLM/RAG** platform from concept to production for company knowledge Q&A and customer conversations using tool calling, vector search and knowledge graphs; owned **AWS ECS deployment, PostgreSQL migration and CI/CD**.
- Aligned **engineering and business teams** around customer needs, shaped product direction and delivery priorities, supported client pitches and fundraising, and introduced agile practices. Product **acquired by Act-On** in Jan 2026.

MinervaHub

Apr - Jun 2025

- Assessed communication and knowledge-sharing pain points across **25 fashion and luxury companies**; co-developed an AI portal blueprint, Azure architecture recommendations and a roadmap to guide next-phase priorities and budget planning.

TowardsChange

Sep - Nov 2024

- Piloted **on-premise Mistral RAG** on client GPU servers to keep documents and LLM processing within client infrastructure. Separately, contributed hybrid retrieval and cited Q&A to FridayGPT's **production Azure AI Search** product.

Other clients: AI.skilled architecture/mentoring (3 engineers); ShebangNow recruitment; Traveln.ai RAG/voice search.

SAVENCIA | Data Scientist Intern

Jul - Dec 2025

- Led **causal analysis** of lactoferrin yield drivers using Double ML and causal forests in Databricks; translated findings into causal diagrams and process recommendations for R&D and engineering teams to inform manufacturing decisions.

Mobile Arts | Machine Learning Specialist

Jun 2022 - Aug 2023

- Delivered **30% higher ad revenue** than manual allocation in a **controlled A/B test** of a SageMaker traffic-allocation engine. Built AWS Lambda anomaly alerts to help media buyers monitor campaign performance and earnings per click.
- Turned client needs into Angular/.NET image/video/text moderation tools and YOLOv8 logo detection on AWS EC2.

Decentra Tech | Computer Vision Developer

May 2021 - May 2022

- Optimised YOLO to **60 FPS on Jetson Nano** using NVIDIA TAO for real-time edge inference; deployed collision warnings and lane/sign detection with DeepStream on Nano/Orin. Trained detection and segmentation models on AWS GPUs.

Vee Smart and USJ | Machine Learning Internships

Jan - Apr 2021

- Built BERT/LSTM sentiment analysis and NER on reviews; trained YOLOv3 for Château Kefraya grapevine detection.

EDUCATION

emlyon business school | Master in Data Science & Artificial Intelligence Strategy

2024 - 2026

McGill University exchange | Montréal, Canada (2025)

LIFE Lebanon Scholarship

Université Saint-Joseph (ESIB) | Software Engineering Degree

2018 - 2023

CERTIFICATIONS

AWS: Solutions Architect - Associate · Machine Learning - Specialty · AI Practitioner · Cloud Practitioner | **Azure** AZ-900 / AI-900 / DP-900

Claude Certified Architect - Foundations (Anthropic) · **PMP (PMI)** | Training: TensorFlow Developer · Stanford ML · ZAKA AI

LEADERSHIP AND RECOGNITION

Beirut AI (2021-2024): Delivered AI training (~150 attendees). **ZAKA (2026):** Led 3 AI marketing sessions for Fair Trade Lebanon and USEK staff training (20+/session); participants completed practical tasks and clients requested further training. Speaker, AWS re:Invent 2025 re:Cap community event (2026); AWS Associate Speaker. Won AUB Tech for Accessibility Hackathon; judged startup and GenAI projects at Startup Weekend Support (2024) and Epitech, MWC Barcelona (2025).

TECHNICAL AND CONSULTING SKILLS

Agents: LangGraph/LangChain, RAG, MCP/FastMCP, A2A, harness/context engineering, guardrails, LangSmith evaluations.

ML & software: Python, TypeScript, PyTorch, Hugging Face, CV/NLP, causal inference, FastAPI, React, PostgreSQL, Neo4j.

Cloud & MLOps: AWS (Bedrock, AgentCore, SageMaker, ECS), Azure AI Search, Docker, Terraform, CI/CD.

Consulting: Working backwards from client needs; prioritisation, solution architecture, roadmaps and stakeholder alignment.

Languages: French (fluent)

English (fluent)

Arabic (native)