

Abdallah Imad Al Yamani

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Work experience

AI Engineer

CME Offshore

Jul 2025 – Present

- Optimized data preprocessing, validation, and feature handling to ensure consistent outputs.
- Developed preprocessing pipelines in AWS SageMaker for model deployment.
- Utilized Spark in AWS EMR to accelerate the processing of high-volume data.
- Validated model metrics after daily inference runs to flag early degradation concerns in AWS Bedrock.
- Collaborate with cross-functional teams to understand requirements and deliver data-driven solutions.
- Built more than 10 dashboards, transforming complex datasets into actionable insights.

AI Program Mentor

Tomohi

Jun 2026 – Present

- Provided 1-1 mentoring in agentic AI concepts (LLM tools, multi-agent workflows, prompting, and more).
- Demonstrated core AI ideas through practical examples and live demos.
- Tracked progress and evaluated learners for their consistent improvement.
- Guided learners with varying skill levels and backgrounds, relating AI concepts to each learner's domain of knowledge.

Technical Support L3 Engineer

CME Offshore

Jul 2022 – Jul 2025

- Reported production issues and followed up to maintain a minimized business impact.
- Adopted and integrated emerging technologies to enhance support efficiency.
- Analyzed application logs to identify recurring errors, cutting production incidents by 50%+.
- Supported the deployments of IoT devices, rolling out new integrations with a 98% success rate.

IT Support Specialist

Antwork SAL

Oct 2021 – Dec 2022

- Documented, and monitored requests through Jira ticketing system.
- Troubleshoot systems, hardware, and network problems.
- Provided technical support to end users, minimizing operational disruptions through issue resolution under 60 minutes.

Education

American University of Science & Technology – Beirut, Lebanon

B.S in Information & Communication Technology

Oct 2017 – Jun 2021

ZAKA AI Academy

AI Certification – Data Science Specialization

Jan 2024 – Jun 2024

Skills

Programming & Tools: Python (NumPy, Pandas, Scikit-learn, TensorFlow), SQL, Git, REST APIs, Linux (Bash)

AI / ML & Data: LangChain, LangGraph, Computer Vision, Prompt Engineering (In-Context Learning, Few-Shot, Chain-of-Thought), Agentic Workflows, PySpark, ETL/ELT pipelines, Databricks

Cloud & Infrastructure: AWS (SageMaker, Bedrock, S3, EMR, Glue, QuickSight, IoT Greengrass)

Certifications

- AWS Certified AI Practitioner – **Amazon Web Services (AWS)**
- Certified Data Scientist – **ZAKA AI Academy**
- AI Agent Fundamentals – **Databricks**
- Certified Linux Administrator (LPIC-1) – **Linux Professional Institute**
- IT Essentials – **Cisco Network Academy**

Languages

English (Proficient)

Arabic (Fluent)