

Ahmad Mohammad Abulhawa

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Portfolio: ahmad-portfolio-cru.pages.dev/#work

PROFESSIONAL SUMMARY

Computer Information Systems graduate with practical experience developing full-stack AI products, LLM-powered applications, retrieval-augmented generation (RAG) systems, and REST APIs. Skilled in Python, FastAPI, PostgreSQL, pgvector, OpenAI APIs, prompt engineering, and multi-stage AI workflows. Projects include UniProjects, AqarAI, and CISmate.

TECHNICAL SKILLS

AI & Machine Learning: Python, Scikit-learn, PyTorch, Machine Learning, Deep Learning, ANN, CNN, Computer Vision, Model Evaluation

LLMs & Retrieval: OpenAI API, Anthropic Claude models, RAG, embeddings, vector search, prompt engineering, Transformers, MCP, Ollama, local LLMs, chatbot development

Backend & Data: FastAPI, Spring Boot, REST APIs, Pydantic, JWT, PostgreSQL, pgvector, MySQL, Docker, Git, Postman, Streamlit

Frontend & Creative: Next.js, React, TypeScript, JavaScript, HTML5, CSS3, GSAP, responsive and RTL interfaces, Google Flow, Qwen

PROJECTS

UniProjects | AI-Powered Student & Career Services Platform

Full-Stack AI Developer | 2026

- Developed an AI platform with Next.js, FastAPI, PostgreSQL and LLM APIs, including Presentation Studio, Exam Studio, Career AI and Prototype Builder.
- Built job-description analysis, skill-gap guidance, tailored CV content, and learning-resource recommendations.
- Implemented multi-stage AI workflows with structured outputs, source grounding, validation, caching, retry and recovery mechanisms.

AqarAI | AI-Powered Interior Design & Real Estate Platform

Team Member | 2025–2026

- Developed a multi-stage image-generation pipeline using Python, FastAPI, OpenAI API, Pydantic and vision models.
- Built room-analysis and product-selection flows with structured extraction and SQL-based catalog filtering.

CISmate | Smart Academic Planning System

Full-Stack Developer | 2023–2025

- Built an academic planning platform with Spring Boot, PostgreSQL, REST APIs and Flutter, plus a RAG chatbot using OpenAI API and pgvector.

EXPERIENCE & TRAINING

Cyborg Automation Hub | AI & LLM Trainee

Aug 30, 2026

Techno Youth Entrepreneurship Program | 150-hour Intensive AI Training

- Hands-on ML and deep learning with Scikit-learn and PyTorch; ANN, CNN, computer vision and model evaluation.
- Built OpenAI-powered LLM apps and chatbots; practiced structured outputs, streaming, Streamlit, MCP, embeddings and local LLMs.

EDUCATION

B.Sc. Computer Information Systems | University of Jordan, King Abdullah II School for Information Technology | Graduated June 2026 | GPA: Very Good

High School, Scientific Stream | Al-Ridwan Schools, Amman | 2018–2022 | 94.55%

CERTIFICATIONS

AWS Academy Graduate – Generative AI Foundations (12 hours)

Programming for Everybody (Getting Started with Python) – University of Michigan (Coursera), May 2026