

SAIF ALQDESSI

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PROFESSIONAL SUMMARY

AI Systems & Agent Engineer focused on transforming operational bottlenecks into autonomous end-to-end AI solutions. Expert in designing intelligent agents, real-time web integrations, and automated workflows that replace manual processes with scalable AI architectures.

SKILLS

- Agentic AI & Orchestration:** LangGraph, LangChain, Multi-Agent Systems (MAS), Tool Use/Function Calling, Autonomous Task Planning.
- AI Engineering & Backend:** FastAPI, Python (Advanced Async), Real-time WebSockets, RESTful API Design, Middleware & Security (CORS).
- Core AI & Machine Learning:** PyTorch, TensorFlow, Scikit-learn, Model Fine-tuning, Deep Learning Architectures, Neural Networks, RAG Optimization
- Development & Tools:** API Integration, n8n Automation, Git & GitHub, OpenCV, Cursor, Supabase, SQL
- Soft Skills:** Leadership, Strategic Planning, Event Management, Problem-Solving, Public Speaking.
- Languages:** Arabic, Native | English, Upper Intermediate

PROJECTS

Smart Event System – Face Recognition & Automation Python, InsightFace, OpenCV

- Developed an AI-based system for real-time face recognition and automated photo sorting for large-scale events, reducing manual processing time by 95%.

Sarah AI – Agentic Voice Interview & Scoring Platform Python, FastAPI, Next.js, Groq, Supabase, Elevenlabs

- Developed an autonomous recruitment agent capable of conducting real-time voice interviews, generating 360° candidate evaluations across 6 key competencies, and automating the screening process to reduce HR manual workload by 80%.

CNN-based leaf disease recognition system Python, TensorFlow, Keras, CNNs

- achieving high accuracy in classifying plant health conditions and suggesting treatments.

EDUCATION

Bachelor's Degree in Artificial Intelligence and Data Science

Tafila Technical University, Jordan

2021 – 2025

COURSES AND CERTIFICATES

Machine Learning & Big Data Analytics – Udemy.

Python 100 Days of Code – Udemy

AI Automation & n8n – Hands-on Training/ Youtube

Agent-Based Systems & Intelligent Agents– Practical Training

IBM Data Analyst Professional Certificate – IBM Skills Network

VOLUNTEERING EXPERIENCE

Founder & Chairman

IEEE Computer Society – Tafila Technical University

Feb 2024– Aug 2025

- Led a team of 30+ volunteers, managing technical events, workshops, and strategic planning initiatives.

Chairman

IMPACT Conference

Oct 2024– Apr 2025

- Founded and led a regional technology conference focused on AI, Metaverse, and XR technologies, managing 300+ participants and securing partnerships with the Ministry of Digital Economy.

Ambassador

IEEE Region 8 Entrepreneurship

Jan 2023 – Jan 2024

- Led the PITCHINNO Entrepreneurship Competition and awarded Best Ambassador 2023 for regional impact and innovation leadership.