

FOUAD MAHMOUD

AI / AGENTIC SYSTEMS ENGINEER

Tanta,Gharbia Egypt | fouadmahmoud281@gmail.com | www.fouadmahmoud.tech | +201066248326

SUMMARY

AI & Agentic Systems Engineer specializing in building autonomous multi-agent architectures, LLM-powered applications, and intelligent AI workflows. Experienced in designing production-ready AI solutions to orchestrate complex decision-making. Skilled in MLOps, data pipelines, and scalable AI infrastructure. Strong track record of delivering innovative AI products and mentoring others in applied AI. Passionate about advancing Agentic AI systems that bridge research with real-world use cases.

TECHNICAL SKILLS

LangChain	Vector Databases	Scikit-learn
LangGraph	Redis	PyTorch
LangSmith	MongoDB	Streamlit
OpenAI API	FastAPI & Flask	Data Pipelines

PROFESSIONAL EXPERIENCE

Obelion.Ai, AI & Agentic Systems Engineer

May 2024 - Present

- Lead engineer on Syntera Code Generation & Agetnic templates Marketplace platforms
- Architected multi-agent AI systems with LangChain & LangGraph for autonomous task
- Built intelligent workflows that integrate LLMs, vector databases, and APIs
- Designed data pipelines and optimized MLOps practices for production AI deployments

OPEX – Cloud Gate , Scrum Master

JAN 2024 - MAY 2024

- Facilitated agile development of Cloud Gate Marketplace, a multi-cloud automation platform
- Coordinated cross-functional teams to deliver features enabling automated deployment across
- Streamlined sprint planning, backlog management, and team communication to improve delivery speed.
- Ensured alignment between business requirements and technical execution for cloud automation solutions

Techy School , AI & Data Science Instructor

Feb 2022 - Dec 2023

- Taught applied AI, LLMs, and Data Science fundamentals with hands-on projects
- Developed structured curricula on Python, ML models, and applied AI workflows

EDUCATION

Bachelor of Engineering in Mechatronics & Robotics

SEP 2020 - MAY 2026

- Tanta university
- Relevant coursework in Computer Vision, Programming and Autonomous Agents.

ADDITIONAL INFORMATION

- **Languages:** English, Arabic, and German.
- **Featured Projects:** Syntera Code Generation(Enterprise Agentic System) , Syntera Marketplace(AI/ML Tools Hub), Princess Nourah University Agentic System(Educational AI) , OptionStrikes Saudi Financial Group AI System(Financial AI)
- **Interests/Research:** Entrepreneurial AI Solutions, Product Innovation, Agentic AI Systems