

## **Mohammed Ali Alghentawi (Mo)**

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### **Summary**

Technical Project/Product Leader with 9+ years across AI/ML, AdTech, and enterprise platforms. Ships end-to-end systems—LLM/RAG, SSAI, and data platforms—mixing hands-on engineering with stakeholder leadership

### **Core Skills**

AI/ML (LLMs, RAG, vector DBs), Product & Delivery (Agile/Scrum, roadmaps, OKRs), AdTech (SSAI, VAST/VMAP, DSP/SSP), Cloud & Data (Azure/AWS, Docker/K8s, ETL), Backend (Python, FastAPI, Node/NestJS), MLOps/Observability, Vendor & RFP management.

### **Experience**

#### **Roads & Transport Authority (RTA), Dubai — Senior Business Analyst / Technical PM**

2023–Present

- Led GenAI/RAG platform (Ollama + Weaviate) for internal knowledge—**+40% search accuracy**; designed governance and security (DESC-aligned).

#### **Setplex (UVOtv), Global — Head of AVOD / AI & AdTech**

2023–Present (contract)

#### **Earlier — Tech Lead / Senior Software Engineer & Lecturer**

2016–2022

- Delivered microservices (Python/Node, AWS), data APIs, and CI/CD; mentored teams; taught CS courses; published internal tooling.

### **Selected Projects**

- **GenAI Knowledge Assistant (RTA):** LangChain/Ollama + Weaviate, SharePoint ingestion, RBAC, audit; measurable search uplift.

### **Education & Certifications**

- M.Sc. Web Science; B.Sc. Computer Science
- **PMP® (2024)**

### **Tech Stack**

Python, FastAPI, Node.js/NestJS, React; Azure/AWS; Docker/Kubernetes; LangChain, Ollama, OpenAI APIs; Weaviate/FAISS; PostgreSQL, MongoDB; Prometheus/Grafana.