

MOHAMMED ALOSTAH

Engineering Lead

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Amman, Jordan

SUMMARY

Engineering Lead and hands-on backend engineer with 7+ years designing, building, and operating large-scale distributed systems and high-availability production services on cloud-native infrastructure. Owns major deliverables end to end — from technical design and roadmap through deployment and operational excellence — for enterprise and government platforms across the GCC and Levant. Strong in scalable web services, microservices, and fault-tolerant architecture (Azure/AKS, AWS, Kubernetes), secure transactional systems (OAuth 2.0, WAF, STRIDE, VAPT), and full software development life cycle practices (code review, CI/CD, monitoring, on-call).

EXPERIENCE

Engineering Lead

Tarjama Group

2022 – Present Amman, Jordan

- Own technical design, architecture, and end-to-end delivery of a translation management platform for a Government of Abu Dhabi (UAE) public-sector entity, coordinating with the client's infrastructure, security, and compliance teams
- Lead a team of 6 engineers (backend, frontend, DevOps) — technical roadmap, architecture reviews, hiring, and delivery/stakeholder coordination with product and government stakeholders
- Architected scalable microservices (Laravel, Node.js, Python) on Azure Kubernetes with Redis-backed queuing and horizontal auto-scaling for high-availability production workloads
- Drive operational excellence — monitoring, alerting, and observability across services — reducing production incidents and improving mean time to recovery
- Built an LLM / agentic AI translation automation pipeline (LangChain, CrewAI) processing 2M+ words/month — reduced manual workload by ~40% and cut job completion time by 60%
- Designed and enforced STRIDE-based security architecture; delivered enterprise SSO (Azure AD), F5 BIG-IP WAF policies, VAPT remediation, and data-sovereignty controls for government-grade compliance

Senior Software Engineer

Tarjama Group

03/2019 – 2022 Amman, Jordan

- Architected a multi-tenant SaaS backend (Laravel + Node.js on Azure Kubernetes) handling 10,000+ concurrent users and 500k+ monthly API requests at a 99.9% uptime SLA
- Led migration from monolith to containerised microservices — cut deployment time from 45 min to under 10 min and raised release frequency from bi-weekly to multiple deploys per week
- Built core backend services and high-throughput REST APIs, establishing the platform foundation later scaled across the product suite

SKILLS

Languages & Frameworks

Python FastAPI Node.js Express.js
PHP Laravel Django JavaScript (ES6+)

Distributed Systems

Distributed Systems Microservices
Web Services / REST APIs Message Queues
Event Streaming High Availability
Fault Tolerance Multi-tenant SaaS
System Design

Cloud & DevOps

Azure Azure Kubernetes (AKS) AWS
Kubernetes Docker CI/CD
Infrastructure as Code Nginx Linux

Operational Excellence

Production Monitoring Alerting & On-call
Incident Response Observability
Performance Tuning Capacity Planning

Security & Compliance

STRIDE Threat Modeling WAF (F5 BIG-IP)
OAuth 2.0 / SSO (Azure AD) JWT
VAPT Remediation Secure SDLC

Software Engineer

Releans

03/2018 – 04/2019 Amman, Jordan

- Built an omni-channel customer engagement platform integrating multiple communication APIs — reduced enterprise client support response time by ~35%
- Developed high-throughput RESTful APIs handling millions of messages; wrote optimised SQL and stored procedures for large-scale messaging workloads
- Contributed to architecture decisions and third-party API integrations across the core product in an Agile team

Junior Software Engineer

Mawaqaa — National Web Solutions

05/2017 – 07/2018 Amman, Jordan

- Developed public-sector web applications (PHP/Laravel, MySQL) automating government workflows and reducing manual processing time
- Delivered full-stack solutions from specification to production

EDUCATION

B.Sc. Computer Science

Al-Zaytoonah University of Jordan

2016

Data

MySQL PostgreSQL MongoDB Redis

Elasticsearch

AI & GenAI

LLM Orchestration Agentic AI

RAG Pipelines LangChain LangSmith

CrewAI NMT (CTranslate2, Opus-MT)

Arabic/RTL NLP

CERTIFICATIONS

Agentic AI
DeepLearning.AI

ACP: Agent Communication Protocol
DeepLearning.AI

LangChain for LLM Application Development
DeepLearning.AI

Build LLM Apps with LangChain.js
DeepLearning.AI

LANGUAGES

Arabic
Native

English
Fluent

KEY ACHIEVEMENTS

Multi-tenant SaaS at scale
Laravel + Node.js on AKS — 10,000+ concurrent users, 500k+ monthly API requests, 99.9% uptime SLA.

Monolith → microservices
Cut deployment time from 45 min to under 10 min with multiple deploys per week.

Agentic AI pipeline
LangChain/CrewAI processing 2M+ words/month — ~40% less manual work, 60% faster jobs.

Government-grade delivery
End-to-end owner of a translation platform for an Abu Dhabi public-sector entity.