

Majd Louka

Damascus, Syria | +963 958 748 411 | majdlouka4@gmail.com

LinkedIn: [linkedin.com/in/majd-louka-5ba30b324](https://www.linkedin.com/in/majd-louka-5ba30b324)

SUMMARY

Backend Engineer with 2+ years building systems in Laravel and ASP.NET, including live e-commerce platforms with multiple payment-gateway integrations. Experienced with asynchronous processing (Laravel Queues, Hangfire, Kafka), Redis caching, MySQL performance tuning and LLM integrations.

WORK EXPERIENCE

PanCode — Backend Developer Feb 2025 – Present | Damascus

- Designed and implemented backend services in **Laravel and ASP.NET** for new and legacy systems.
- Built **asynchronous processing pipelines** using Laravel Queues, Hangfire and Kafka for background workloads.
- Built a **multi-client notification service** using Bun, with Kafka as the job queue.
- Improved API response times through **query optimization, indexing and distributed caching (Redis / Valkey)**.
- Took part in **architecture decisions**, CI/CD setup, Docker deployments and Linux production support.
- Applied **rate limiting, access control and security best practices** across API services.
- Built an internal **LLM chatbot prototype** using the OpenAI API.
- Built **Filament** admin panels, contributed to React frontend integrations, and mentored interns through code reviews.

Ape Revolution Zone — Backend Developer Oct 2024 – Feb 2025 | Saudi Arabia (Remote)

- Developed modular backend services using **Clean Architecture and CQRS (MediatR)**.
- Managed **Azure resources and deployments**, including environment configuration.
- Integrated a CDN to improve **media delivery performance**.

Taatof NGO — Laravel Backend Developer (Freelance) Aug 2024 – Oct 2024 | Damascus

- Designed relational database structures and a **repository-based architecture**.
- Delivered Laravel backend features and handled **production hosting deployments**.

EDUCATION

Damascus University — Faculty of Information Technology Engineering

Sep 2021 – Aug 2026

Specialization: Software Engineering

PROJECTS

IntelliPharma — AI Route Optimization Platform (Graduation Project) — Laravel

- Primary backend developer (team of 5) for a pharma distribution platform combining ERP-lite, CRM and an **RL route planner**.
- Integrated the planner via an **async queue** with OSRM routing and **real-time GPS tracking** (Laravel Reverb + Redis).
- Built a **Gemini-powered Text-to-SQL** analytics layer with semantic caching.
- Designed the 53-table MySQL schema; deployed on Hetzner via Coolify with health checks.

Snatchtown Match-3 Game — ASP.NET Backend

- Built the backend with **Clean Architecture and CQRS** for heavy gameplay logic.
- Made spinner reward processing **idempotent** under repeated request retries.
- Reduced latency via indexing and caching; offloaded CPU-heavy calculations to **Hangfire** jobs.
- Deployed and in internal testing ahead of Google Play launch.

VLP (Virtual Lawyer Platform) — ASP.NET Backend

- Fixed **background job failures** affecting message delivery in a large production codebase, without service disruption.

Doctor Boutique E-Commerce — Laravel

- Maintained a legacy commerce platform with **Tabby, MyFatoorah and Noon** payments and **Aramex** delivery integration.
- Improved checkout reliability and fixed configuration issues that could **expose payment secrets**.

Qaddim Recruitment Platform — NestJS

- Implemented **secure media streaming** via Cloudflare CDN, plus profile management and social interaction modules.

TECHNICAL SKILLS

Languages: PHP, C#, TypeScript, Python, SQL

Backend: Laravel, ASP.NET, NestJS, Bun

Architecture: Clean Architecture, CQRS (MediatR), DDD basics, Repository Pattern

Async Processing: Laravel Queues, Hangfire, Kafka

Data: MySQL (performance tuning, indexing), Redis / Valkey

DevOps & Cloud: Docker, Linux servers, Nginx, CI/CD, Azure, Coolify

AI / LLM: OpenAI API, Gemini, Text-to-SQL

Integrations: Stripe, Tabby, MyFatoorah, Noon, Aramex

Frontend: React.js, Blade, Filament