

Mohammad Jawad Al-Moussawi

Full-Stack Software Engineer

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Profile

Full-stack software engineer building production web applications with Laravel, Livewire, Vue/Nuxt, and .NET. Experienced in backend architecture, production operations, security incident response, and mentoring developers while delivering scalable business applications.

Professional Experience

Software Engineer, OrionDev

2025/02 – present

- Built and maintain production web applications using Laravel, Livewire, .NET, and Vue/Nuxt with TypeScript, serving live customers across e-commerce, CRM, and mobile-backed platforms.
- Mentored fresh developers on project architecture, Git workflows, coding standards, and coding best practices.
- Own production infrastructure via cPanel: deployments, database operations, cron jobs, and application monitoring across multiple applications.
- Led incident response to CVE-2026-41940, a critical CISA KEV-listed cPanel/WHM authentication-bypass zero-day: isolated compromised accounts, removed injected scripts and rogue credentials, and restored 4 production systems within 2 hours with zero data loss.

Skills

Backend: PHP (Laravel, Livewire), C#, .NET Core, SQL, REST APIs **Frontend:** Vue/Nuxt, React, TypeScript **Practices:** Git, GitHub Actions, TDD, Unit Testing, MVC, Agile/Scrum **Integrations:** LLM/AI (OpenAI-compatible APIs, tool calling), Payment Gateways (webhook validation, failure recovery)

Key Projects

Cellphone E-Commerce Platform

Laravel • Nuxt • TypeScript

OrionDev, 2025 – present (in production, maintained)

- Designed and developed the full-stack architecture of an e-commerce platform serving 750+ registered customers, including 650+ verified accounts, with a catalog of 2,000+ products and 1,000+ variants.
- Re-architected and versioned the backend to accommodate major business flow changes one year into production without service disruption.
- Integrated an AI-powered chatbot using OpenAI-compatible APIs that assists users, executes tool calls, and performs cart operations.
- Integrated secure payment processing with webhook validation, transaction handling, and failure recovery.

Course Selection & Eligibility System

Nuxt • .NET

Lebanese University, 2026 – adopted by professors starting the 2026–2027 academic year

- Replaced a fully manual paper-based process — where students hand-filled personal data and self-selected from every available course — with automated student-record resolution (personal info, academic history, pass/fail record) from a single student ID lookup.
- Designed an eligibility algorithm that auto-recommends a valid enrollment set, enforcing constraints such as block-credit limits (elective groups requiring a minimum combined credit total), with a professor dashboard to review and override selections before finalizing.
- Redesigned the printed form to output only resolved student data and final course selections, cutting per-student processing time from ~3 minutes to under 10 seconds.

Sales Automation System

Laravel • Livewire

OrionDev, 2025 – present (in production, maintained)

- Built a CMS and REST APIs powering a companion mobile app for sales staff (4 admins, 25 sales, 850 clients).
- Implemented role-based access control across the three user tiers.
- Built reporting features covering employee activity, client engagement, and Google Maps API integration for live tracking, routes, and geolocation.

Education

BSc Computer Science, Lebanese University

2020 – 2024

Ranked in the top 10% in multiple software engineering and web development courses.

MS Computer Science (M1 completed, M2 in progress), Lebanese University

2025 – 2027

Coursework alongside full-time development role at OrionDev

Languages

Arabic (Native) English (Fluent)