

MOHAMMAD KASSEM

Full-Stack Software Engineer · Angular · Laravel · ASP.NET

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 4+ years of experience architecting, developing, and deploying enterprise ERP and CRM platforms with Angular, Laravel, and ASP.NET. Skilled in scalable RESTful APIs, relational database design, and CI/CD pipelines with Docker-based deployment. Experienced delivering multilingual, production-grade systems end-to-end and leveraging AI-assisted development to accelerate delivery.

PROFESSIONAL EXPERIENCE

Full-Stack Software Engineer — 3DS Datacom | Fanar, Lebanon

Apr 2022 – Present

- Architected and delivered multiple enterprise ERP and CRM platforms end-to-end using Angular and Laravel, HR, inventory, and insurance operations.
- Designed and implemented scalable RESTful APIs with Laravel and Eloquent ORM, featuring secure authentication, validation, and multilingual support.
- Developed modular, responsive Angular (TypeScript) front-ends, improving maintainability and delivering a consistent cross-device user experience.
- Automated build and release workflows with CI/CD pipelines and containerized deployments using Docker, improving release consistency and reducing manual effort.
- Deployed and maintained production systems on cPanel and local servers, and optimized MySQL schema design and queries for performance and data integrity.
- Accelerated delivery with AI-assisted development (Claude Code, Claude Design, ChatGPT), working within Git, JIRA, and Agile workflows.

Desktop Developer (Freelance) — Computronix | Zahle, Lebanon

Jan 2022 – Apr 2022

- Developed C# desktop applications integrated with Microsoft SQL Server; performed debugging, testing, and performance optimization under Git-based version control.

Junior Full-Stack Developer (Internship) — Vanrise Solution | Beirut, Lebanon

Sep 2021 – Dec 2021

- Built responsive front-end interfaces (AngularJS, HTML5, CSS3, JavaScript) and ASP.NET / SQL Server back-ends, ensuring cross-device compatibility.

ENTERPRISE PROJECTS @ 3DS DATACOM

- CASHUNITED — ERP System** *Laravel · Angular · MySQL* — Multilingual ERP for a money-transfer company — accounting and money-transfer tracking with reporting dashboards and role-based access.
- NextAssist — Insurance / FNOL Platform** *Laravel · Angular · MySQL* — Insurance platform for accident policies and First Notice of Loss (FNOL), with call-center and claims-handling workflows.
- University ERP System** *Laravel · Angular · MySQL* — ERP managing academic and administrative operations for a university.
- HR & Inventory ERP System** *Laravel · Angular · MySQL* — HR and inventory management modules with full reporting for operational tracking.
- Warehouse Management System** *Laravel · Angular · MySQL* — Inventory workflows and reporting dashboards for stock tracking and warehouse operations.
- Glass Management System** *Laravel · Angular · MySQL* — Sales-management system handling quotations, sales, and order tracking.

INDEPENDENT PROJECTS

DentaDesk — Dental Practice Management SaaS *Laravel · Angular · MySQL*

- Architected a full-featured dental practice management platform with an interactive FDI tooth chart, appointment scheduling, and multi-session treatment planning.
- Implemented treatment history, invoicing, and billing workflows for end-to-end clinic operations.
- Automated patient communication through Arabic-language WhatsApp aftercare messaging, improving retention and follow-up.
- POS System & Menus** *Laravel · Angular · MySQL* — Built a point-of-sale system with digital menu management for streamlined order handling.

TECHNICAL SKILLS

Frontend: Angular, AngularJS, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Design

Backend: Laravel (PHP), ASP.NET Core, REST APIs, JSON, Authentication, Eloquent ORM

Database: MySQL, Microsoft SQL Server, Database Design

DevOps & Tools: Docker, Git, GitLab, GitHub, CI/CD, JIRA, cPanel, Agile

AI Development: Claude Code, Claude Design, ChatGPT, AI-assisted Development, Prompt Engineering

EDUCATION

- Bachelor's in Computer Science** — Lebanese University (2020 – 2023)
- Bachelor's in Mechanical Engineering** — Lebanese University (2016 – 2021)

LANGUAGES

Arabic (Native) **English** (Conversational) **French** (Professional)