

Amin Mahmoud

Software Engineer

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PROFESSIONAL SUMMARY

Backend-focused full-stack engineer with 7 years building web apps in Laravel, Node.js, and Vue. I spend most of my time on the backend — APIs, database performance, and making sure things hold up under load — and I've shipped and maintained production apps across e-commerce, education, and SaaS. Comfortable owning a feature end to end, from schema to deployment.

SKILLS

Languages & Frameworks: PHP, Go, Laravel, Livewire, Vue.js, Node.js

APIs & Real-Time: REST APIs, GraphQL, WebSockets, WebRTC, Laravel Broadcasting, Pusher, Soketi

Databases & Performance: MySQL, Redis, Query Optimization, Database Architecture, Queue Workers

Security & Payments: OAuth, JWT, API Security, Payment Integration

Infrastructure & DevOps: Docker, Nginx, Apache, Linux Servers, CI/CD (GitHub Actions), Git

Frontend: Tailwind CSS, Responsive Design

Architecture: Scalable Architecture, Microservices

WORK EXPERIENCE

Senior Software Engineer, Squarement, Jeddah, Saudi Arabia

02/2024 – Present

- Built and scaled Laravel and Vue.js applications serving thousands of concurrent users through RESTful APIs.
- Owned backend responsibilities for the Lazer mobile app, including secure API development and end-to-end feature delivery.
- Improved application performance through query optimization and Redis caching.
- Set up Docker containers and GitHub Actions CI/CD pipelines to enable zero-downtime deployments.
- Integrated OAuth 2.0, JWT authentication, and role-based access control, along with payment gateways and shipping providers such as J&T Express.
- Use AI coding agents (Claude Code, Cursor) daily to speed up scaffolding, refactors, and code review without sacrificing code quality.

Software Engineer, AutomatedPros, Remote

08/2021 – 02/2024

- Delivered full-stack features for client projects in a full-time engagement, working across the front end and backend of multiple product builds.

Full Stack Web Developer, Codelink, Riyadh, Saudi Arabia

08/2019 – 08/2021

- Developed real-time web applications using Laravel, Livewire, and Inertia.js to deliver reactive, modern user experiences.
- Designed database ERDs and helped define sprint plans, task breakdowns, and delivery priorities across the full project lifecycle.
- Optimized complex queries and backend services, meaningfully reducing API response times.
- Led full development lifecycles across multiple projects, from design through deployment and ongoing maintenance.

- Collaborated with designers, product managers, and QA to ship quality releases on schedule.

PROJECTS

Etmaam (Almajdiah Group) (etmaam.almajdiah.com)

Large-scale internal platform built for Almajdiah Group to manage its real estate operations end to end. Centralizes property and unit details, ownership and contract records, sales and leasing workflows, maintenance requests, and administrative approvals across departments. Supports day-to-day business processes for the group's real estate portfolio, giving staff a single system to track project status, tenant and buyer information, and operational data instead of relying on scattered spreadsheets and manual handoffs.

TechyWorks (Personal Project) (techyworks.online)

Free browser-based toolkit for editing and converting documents, with all processing done client-side so files never leave the user's device. Supports PDF editing, form filling, OCR, merging and splitting, watermarking, e-signatures, and conversion from PowerPoint, Word, Excel, and images to PDF.

Runitee (Personal Project) (runitee.com)

Multi-tenant SaaS platform for managing retail stores and restaurants, covering point-of-sale with barcode scanning and thermal receipt printing, inventory with product variants and supplier purchase invoices, sales, accounting, and full workforce management including schedules, shifts, leave approvals, and an automated payroll engine. Supports multiple branches with per-branch inventory and comparison reporting, plus a customer database, promotions, subscription billing, and an online storefront that receives customer orders directly. Built with Laravel 12, Vue 3, and Inertia.js; fully bilingual (Arabic/English) and responsive.

Obooko (www.obooko.com)

Digital book platform offering thousands of free eBook downloads, with advertising-based monetization and user library management.

Emaa (emaaedu.com)

E-learning platform delivering structured sign language courses with progress tracking, assessments, and certification upon completion.

Motkalem (motkalem.sa)

Education platform backend managing bookings, learning workflows, progress tracking, and secure one-time and subscription payment processing.

PopRoom

Real-time voice chat application using WebRTC for low-latency live audio communication, with room management and dynamic peer connections.

Lazer (Mobile App)

Backend API architecture for a smart device maintenance platform in Saudi Arabia, providing secure, documented RESTful APIs for multi-device service workflows.

StockTech

Wholesale e-commerce platform for electronic devices and accessories, with inventory management, bulk ordering, and supplier integration.

Hokmny

Governance assessment platform evaluating organizational compliance with Saudi governance standards, featuring scoring engines and detailed compliance reporting.

Global Halal

International B2B marketplace for importing and exporting halal food products, connecting suppliers and buyers worldwide with trade workflow management.

Akoono

Job posting and recruitment platform connecting employers with job seekers through advanced search, filterable listings, and full application workflow management.

EDUCATION

Bachelor of Computer Science, Faculty of Science, Computer Science Department

2014 - 2018

LANGUAGES

Arabic (Native), English (Professional Working Proficiency)