

Mohammed Jouda

Full Stack Web Developer

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PROFESSIONAL SUMMARY

Software Engineer with over 3 years of experience designing and developing scalable, secure, and high-performance web applications. Strong core in backend development using PHP and Laravel, paired with frontend expertise in Vue.js and a rapid adaptation to React. Proven track record in building SaaS platforms, multi-vendor marketplaces, and **incorporating** AI technologies to optimize workflows and deliver intelligent solutions. A Clean Code advocate dedicated to SOLID principles, RESTful API design, and agile methodologies, seeking to leverage robust backend skills and expanding full-stack capabilities to build impactful digital products.

TECHNICAL SKILLS

- **Languages:** PHP, JavaScript (ES6+), HTML5, CSS3.
- **Frameworks & Libraries:** Laravel (Livewire, Filament, Queues, Broadcasting), Vue.js (Laravel Echo), React.js (Familiar/Learning).
- **Architecture & Principles:** OOP, SOLID, MVC, RESTful APIs, WebSockets, Event-Driven Architecture, Clean Code.
- **Databases:** MySQL, PostgreSQL, Query Optimization, Eloquent ORM.
- **DevOps & Security:** Git, GitHub, Docker, CI/CD Basics, Redis, RBAC, OAuth, 2FA.
- **AI & Modern Tech:** AI API Integration, AI-Assisted Development, Prompt Engineering.

PROFESSIONAL EXPERIENCE

Backend Developer Trainee (Laravel & AI Integration) | UCASTI *04/2026 – Present*

- Engaged in an intensive, 120-hour market-driven backend development program, completing 3+ practical modules and mastering core and advanced concepts of PHP and the Laravel ecosystem.
- Leveraged advanced AI tools to accelerate coding, automate repetitive tasks, and conduct intelligent debugging, ensuring the delivery of error-free and highly optimized code.
- Successfully integrated AI capabilities and APIs into web applications, enhancing system functionality and building smart, modern web solutions.
- Applied modern software architecture principles and clean code standards to build scalable and secure backend systems aligned with current market demands.

Full Stack Developer (Trainee) | Areisto

04/2025 – 10/2025

- Developed and documented 40+ secure RESTful API endpoints using Laravel.
- Refined backend performance, reducing response times by 20% through efficient database queries and caching strategies.
- Collaborated within agile teams to ensure system reliability, code maintainability, and scalability.

Freelance Backend Developer | Remote

06/2023 – 09/2023

- Developed a robust backend system for a property management platform, managing 500+ property records and enhancing lead management processing efficiency by 35%.
- Designed a relational database to manage complex property attributes and user roles with optimized indexing.
- Implemented secure authentication and authorization levels for different user types, ensuring strict data protection.
- Created RESTful APIs focused on performance and clean integration for frontend applications.

PROJECTS

Marsa Store (Multi-Vendor Marketplace) | Graduation Project

- Architected a scalable backend system handling complex vendor-product relationships with isolated workflows and dynamic permission management.
- Implemented comprehensive RBAC, OAuth, 2FA authentication, and secure payment gateway integrations.
- Oversaw code reviews, comprehensive testing, and deployment, ultimately improving transaction processing efficiency by 30%.

Write AI (AI-Powered Blog Application) | Training Capstone

- Built and deployed an intelligent blogging platform during an intensive 90-hour training program.
- Integrated AI generation tools to assist in content creation, demonstrating practical application of LLMs within a modern web framework.

AI-Powered Messenger | Personal Project

- Built a production-grade real-time messaging system utilizing WebSockets (Pusher/Laravel Echo), live typing indicators, and group chat functionalities.
- Integrated an external AI API with a decoupled service layer to generate intelligent conversational responses within the chat interface.
- Designed with scalability in mind: queue-ready message handling, modular architecture, and Vue 3 Composition API reactive frontend.

Techno Plus CMS | *Personal Project*

- Engineered a full-featured Content Management System using Laravel, Filament, and Livewire for a reactive, SPA-like user experience without custom JavaScript overhead.
- Leveraged Filament's resource system to scaffold CRUD operations, custom tables, filters, and forms, demonstrating rapid, production-quality admin panel development.

EDUCATION

Bachelor of Web Technology & Information Security

Palestine Technical College | Gaza, Palestine

09/2020 – 11/2025

- GPA: 83.92% (Very Good)
- Core Focus: Full-stack web development integrated with advanced information security principles.

CERTIFICATES

- Building RESTful APIs with Laravel – LinkedIn Learning
- Docker Foundations Professional Certificate