

Ahmed Hassan

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PROFESSIONAL SUMMARY

Full-Stack PHP/Laravel Developer with 4+ years of experience, including freelance Laravel delivery since 2019, building scalable, secure backend systems and RESTful APIs. Track record in authentication and role-based access control, MySQL database design and optimization, payment gateway and third-party API integration (Stripe, Moyasar, Odoo), and CI/CD deployment via GitHub Actions. Led multi-tenant SaaS platforms that cut operational costs by 40% for clients, with a focus on clean, maintainable, security-conscious code.

CORE COMPETENCIES

PHP & Laravel Development

RESTful API Integration

Authentication & Role-Based Access Control

MySQL & Database Optimization

Payment Gateway Integration (Stripe, Moyasar)

Multi-Tenant SaaS Architecture

CI/CD (GitHub Actions)

Security & Data Isolation

WORK EXPERIENCE

Formation OBS

January 2022 - Present

Senior Engineer, Full Stack

Cairo, Egypt

- Architected and deployed secure multi-tenant platforms, ensuring stringent data isolation and granular role-based access controls.
- Led full-stack development and maintenance of scalable web applications, including SaaS Document Management (DMS) and Material Requirements Planning (MRP) systems, integrating with Odoo for robust database management and improved data integrity.
- Designed and implemented pricing and planning tools for manufacturing clients, optimizing operational workflows and reducing processing time by 30%.

Freelancer (Freelancer, Mostaqi, Khamsat)

January 2019 - Present

Freelance Developer

Remote

- Led end-to-end development of custom web applications using Laravel, integrating secure payment gateways (Stripe, Moyasar), video conferencing, and robust RESTful APIs for diverse e-commerce and business platforms.
- Engineered responsive and dynamic user interfaces with React.js, Redux, Bootstrap, and Tailwind CSS, developing interactive prototypes and reusable components that boosted user engagement by 25%.
- Built intuitive admin panels using FilamentPHP, implementing advanced features like comprehensive audit logs and real-time notification systems to enhance user experience and operational efficiency.

PROJECTS

Multi-Tenant SaaS Document Management System (DMS) Multi-Tenant SaaS

Architected and deployed a multi-tenant SaaS DMS featuring role-based permissions, version control, and multilingual support (Arabic/English). Implemented automated workflows, comprehensive audit trails, and CI/CD pipelines via GitHub Actions, resulting in a 60% reduction in approval time and 40% faster file retrieval. Enabled secure, subscription-based access for organizations with zero-downtime deployments.

Laravel, MySQL, GitHub Actions

Material Requirements Planning (MRP) System Backend & Optimization

Developed and optimized an MRP system with modules for sales and production order management, Bill of Materials (BOM) generation, and precise inventory forecasting for carton manufacturing. Automated scheduling and shortage alerts, cutting material waste by 35% and

improving on-time delivery by 50%. Enhanced system performance through optimized database queries and caching mechanisms for high-volume operations, complemented by interactive analytics dashboards.

Laravel, MySQL, Redis

E-commerce SaaS Multi-Tenant Platform API & Payments

Engineered a robust e-commerce platform with a modular architecture supporting comprehensive product catalogs, shopping carts, and order processing. Integrated secure payment gateways and personalized recommendation features. Developed a dynamic admin dashboard and automated email notifications, reducing administrative overhead by 45% and significantly enhancing mobile responsiveness across devices.

Laravel, React.js, Stripe

EDUCATION

Bachelor's Degree in Computer Science New Cairo Academy, Cairo, Egypt

SKILLS

- Languages & Frameworks:** PHP, Laravel, JavaScript, jQuery
- Frontend:** React.js, Redux, HTML/CSS, Bootstrap, Tailwind CSS, SASS
- Backend & Data:** MySQL, Redis, API Development, FilamentPHP, Odoo Integration
- DevOps & Tools:** Git/GitHub, CI/CD (GitHub Actions), Firebase, Ubuntu
- Integrations:** Payment Gateway Integration (Stripe, Moyasar)
- Soft Skills:** Communication, Leadership, Teamwork