Assem Mohsen
Backend developer

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Experience

PHP Laravel Developer
September 2024 - Present

Geeks – Remote
- Develop and maintain scalable web applications using Laravel, MySQL, and REST APIs.
- Collaborate remotely with cross-functional teams including designers, frontend developers, and product managers.
- Implement authentication systems, background jobs (queues), and real-time features using Laravel Echo and broadcasting.
- Optimize backend performance and write clean, reusable, and testable code following SOLID principles.
- Integrate third-party services (e.g., Stripe, Firebase, external APIs) to enhance platform functionality.

Software Developer
August 2023 - September 2024

Nile University – Cairo, Egypt
- Specialized in the Laserfiche platform for enterprise content management and workflow automation.
- Developed and enhanced internal web applications to improve document management and process efficiency.
- Collaborated with cross-functional teams to integrate Laserfiche with other university systems.

PHP Laravel Intern
July 2023 - September 2023

MagedSoft – Cairo, Egypt
- Completed a hands-on internship focusing on PHP and Laravel framework in a professional software house environment.
- Assisted in developing and maintaining web applications using Laravel, Blade templates, and MySQL.
- Gained practical experience in RESTful API development, authentication systems, and MVC architecture.
- Collaborated with senior developers in agile sprints to deliver features on time.
- Participated in code reviews and debugging sessions to enhance code quality and performance.

Education

Bachelor's Degree in Business Information Systems
September 2019 - June 2023

Helwan University – Faculty of Business Information Systems

Cairo, Egypt
GPA: 3.57 — Graduated with Honors

Activities & Contributions:
Active member of Enactus Helwan University, contributing to student-led entrepreneurship and community development initiatives

Full-Stack Web Development (.NET & Angular)
February 2024 - May 2025

Route Academy – Cairo, Egypt

- Intensive hands-on training in front-end and back-end development using Angular, ASP.NET, Entity Framework, SQL Server, and RESTful APIs.
- Built real-world projects including admin dashboards, authentication systems, and e-commerce modules.

Technical Skills

Languages & Frameworks: PHP, Laravel, .NET (C#), Angular, JavaScript, HTML, CSS
Databases: MySQL, SQL Server
DevOps & Tools: Docker, Git, GitHub, GitLab, CI/CD
Platforms & CMS: Laserfiche, WordPress
Other Skills: RESTful APIs, MVC Architecture, Workflow Automation

Projects

Sekhmet – Gym Management System   [Code Demo Link]

Tech Stack: *PHP (Laravel Framework), Filament, MySQL, JavaScript, HTML/CSS.*

- Built a multi-tenancy Gym Management System designed to serve multiple gyms under a single platform with isolated data, scalable architecture, and advanced management features.

Features include:
- Multi-Tenancy Support: Each gym has its own data, users, and settings while sharing the same codebase.
- Role & Permission Management: Implemented with Spatie Permissions for flexible user access control.
- Score Management System: Gyms and branches gain scores based on activity and quality, ranking them higher in the user's geographical area to increase visibility.
- Membership & Subscriptions: Supports multiple plans, payment tracking, and renewal reminders per gym.
- Admin Dashboard: Manage members, trainers, payments, schedules, and resources.
- Automated Notifications: Email and in-system alerts for renewals, attendance, and performance updates.
- Reports & Analytics: Membership growth, revenue insights, and performance tracking.
- Scalable Architecture: Service–Repository pattern, Horizon for queues, Telescope for monitoring.
- Integration Ready: Paymob for payments and future integrations with IoT devices.

Impact: Enabled multiple gyms to operate efficiently on one platform, improving member engagement with score tracking and giving owners actionable insights to grow their business.

Clockboost Tracking Application & Marketing Website   [Preview]

Tech Stack: *PHP (Laravel Framework), MySQL, JavaScript, HTML/CSS.*

Developed a robust time tracking and productivity analytics platform using the Laravel PHP framework. The application allows users to monitor browser activities, categorize websites as productive or unproductive, and generate real-time productivity insights. Key features include user authentication, company-level time zone settings, automated activity classification, and a dynamic dashboard with charts and reports.
In parallel, I built the marketing website to support product awareness and lead generation. The site features responsive design, SEO optimization, and clear CTAs for user onboarding, effectively bridging users from marketing to application engagement.

Zhome: E-commerce Website   [Preview]

Tech Stack: *PHP (Laravel Framework), Angular Framework, MySQL, JavaScript, HTML/CSS.*

Developed an e-commerce website called Zhome, featuring both an admin and user side.
User can browse a wide variety of products with a secure user registration and login system Integrated with social media log in, and a user-friendly checkout process with multiple payment options and track order history.
Admin can manage comprehensive products and their categories and subcategories for easy navigation, Track inventory levels and set reorder points, Process user orders and manage order fulfillment, view and analyze sales data to gain insights into customer behavior.

MitraQ – Mining Intelligence, Reporting & Analytics Platform   [Preview]

Tech Stack: *PHP (Laravel), MySQL, JavaScript (Chart.js), MySQL.*

MitraQ is an advanced analytics and reporting system tailored for the mining industry. It centralizes operational data to generate actionable insights and compliance-ready reports.

Imentet – Cultural Heritage Platform   [Code Demo Link]

Tech Stack: *PHP (Laravel Framework), MySQL, JavaScript, HTML/CSS.*

- Built a full-featured bilingual web platform for Egypt's iconic landmarks: the Pyramids and the Grand Egyptian Museum.
- Developed two frontend portals using Laravel Blade templates and a centralized admin dashboard using FilamentPHP.

Features include:
- Online ticket reservation system for site entry and events.
- Membership & donation management, supporting user authentication and payments.
- E-commerce functionality for purchasing items from the museum collections.
- Transportation scheduling, event booking, and blog integration.
- Designed with MVC architecture and followed secure Laravel development practices.
- The platform is optimized for usability, scalability, and real-time updates.