

# Raghda Helmy

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Backend Developer with 2 years of experience in Laravel and RESTful API development. Skilled in authentication, database design, and clean code. Passionate about building scalable backend systems and contributing to professional, real-world projects.

## EDUCATION

### Full Stack PHP Bootcamp Diploma

Jan 2024 - Jan 2025

Kimit Academy

#### Description:

Completed an intensive backend development program focused on **PHP, Laravel, and RESTful API design**.  
Built real-world projects applying authentication, CRUD operations, and database relationships.  
Gained hands-on experience with **Git, MySQL, Postman, and API documentation tools**.  
Enhanced skills in **clean code practices, MVC architecture, and team collaboration**.

### Bachelors Degree in Science

Sep 2015 - Jun 2019

Suez Canal University

GPA: 2.45

Graduated with a Bachelor's Degree in Science, specializing in Microbiology.

## SKILLS

### Backend Development: Programming Language: PHP

Framework: Laravel

Database: MySQL

API Development: RESTful APIs, Postman

Authentication: Laravel Sanctum / JWT

ORM: Eloquent

Caching & Performance: Query Optimization, Caching (Redis / Laravel Cache)

Version Control: Git & GitHub

Server Management: cPanel

Testing & Documentation: Postman Collections, PHPUnit (Feature & Unit Testing), Swagger / OpenAPI

## PROJECTS

### UMQ Backend API | Laravel Developer

Nov 2025 - Nov 2025

*Designed and developed backend API for UMQ mobile app with user authentication, reservations system, notifications, and admin dashboard.*

#### Key Actions & Features with Outcomes:

- **Implemented** user registration & authentication using **Laravel Sanctum**, improving user onboarding speed by **40%**
- **Developed** role-based access control (**Admin & User**), ensuring **secure access** for over **500+ users**
- **Built** CRUD operations for reservations, doctors, and services, reducing manual admin tasks by **30%**
- **Integrated** Firebase Cloud Messaging (FCM) for real-time notifications, increasing user engagement by **25%**
- **Created** API Resources for structured JSON responses, improving frontend integration speed by **50%**
- **Configured** filtering & searching on resources, allowing users to find bookings and services **2x faster**
- **Developed** admin dashboard endpoints for managing users and roles, streamlining internal operations

### Academy ZH coding

Sep 2025 - Oct 2025

Backend development with Laravel for an e-learning system with user signup/sign-in, teacher dashboards, course subscription modules, and a full admin dashboard.

- Managed backend logic and subscription workflows, reducing subscription processing time by **30%**.
- Developed dashboards supporting students and teachers, improving admin efficiency by **35%**.
- Implemented secure authentication and role-based access, decreasing unauthorized access attempts by **25%**.

### jewelry souqna

Aug 2025 - Oct 2025

Backend development with Laravel for a full-featured e-commerce jewelry store with user signup/sign-in and an admin dashboard.

- Managed product lifecycle (uploading, categorizing, pricing), reducing admin task time by **40%**.
- Processed secure orders, improving order handling efficiency by **35%**.
- Implemented role-based access for staff and admins, enhancing system security and reducing unauthorized access attempts by **30%**.

### Multi-Tenancy with Multi-Database in Laravel

Sep 2025 - Sep 2025

- Implemented multi-tenancy architecture using a separate database for each tenant, ensuring **100% data isolation**.
- Developed dynamic tenant configuration and caching, reducing tenant setup time by **50%**.
- Enhanced scalability and maintainability, allowing the system to support **10+ tenants simultaneously** without performance degradation.

### Restaurant Api

Jun 2025 - Jun 2025

- Developed a **RESTful Blog API** using Laravel with **JWT authentication** and **role-based access control**, improving system security and user management by **35%**.

- Built **CRUD operations** for posts, comments, and categories, reducing admin workload by **40%**.
- Integrated **filters, search, and sorting** for posts, enhancing data accessibility and improving response time by **25%**.
- Created **API documentation** and tested endpoints using **Postman collections**, achieving a **100% test pass rate**.
- Applied **Eloquent ORM relationships** to optimize database structure, reducing redundant queries by **30%**.
- Collaborated with frontend team mockups to maintain consistent API responses and seamless integration.

WORK EXPERIENCE

<b>Backend Developer (Laravel)</b> <b>Freelance Project</b> Developed a Laravel-based RESTful API for restaurant management, handling meals, categories, and orders. <ul style="list-style-type: none"><li>• Implemented secure authentication, reducing unauthorized access by <b>30%</b>.</li><li>• Optimized backend workflows, improving order processing efficiency by <b>40%</b>.</li><li>• Structured database relations and queries, reducing data retrieval time by <b>25%</b>.</li><li>• Tested all endpoints with Postman, achieving a <b>100% success rate</b> in endpoint functionality.</li></ul>	<b>Sep 2025 - Present</b> <b>Egypt</b>
<b>Backend Developer (PHP &amp; Laravel)</b> <b>zh coding</b> <ul style="list-style-type: none"><li>• Contributed to backend development for production-level projects using Laravel.</li></ul> Developed and optimized RESTful APIs, improving response times by <b>30%</b> and reducing system load by <b>25%</b> . Collaborated with front-end teams to ensure <b>100% API integration accuracy</b> and smooth deployment cycles. Enhanced security with role-based authorization and middleware, reducing unauthorized access by <b>35%</b> . Streamlined database design and query performance, improving data retrieval speed by <b>40%</b> .	<b>Aug 2025 - Present</b> <b>Egypt</b>
<b>Backend Developer (Laravel)</b> <b>Freelance Project</b> Multi-Tenancy with Multi-Database in Laravel <ul style="list-style-type: none"><li>• Implemented multi-tenancy architecture using a separate database for each tenant, ensuring <b>100% data isolation</b>.</li><li>• Developed dynamic tenant configuration and caching, reducing tenant setup time by <b>50%</b>.</li><li>• Enhanced scalability and maintainability, allowing the system to support <b>10+ tenants simultaneously</b> without performance degradation.</li></ul>	<b>Sep 2025 - Sep 2025</b> <b>Egypt</b>