

Ahmed Ezzeldin Ahmed

Backend developer (PHP/Laravel)

Personal Information:

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Date of birth: 01/01/1993.

Marital status: Married.

Military Service: Completed.

EDUCATION:

Graduated from the Faculty of Engineering at Al-Azhar University in Cairo, Egypt, in 2017.

Technical Skills:

- Create websites.
- Websites development.
- Development & Testing Tools.
- Maintenance websites.
- Database Management.
- Security & Authentication.

Tools & programming languages:

Laravel	PHP	Rest Api	Postman
OOP	Design pattern	SQL	MySQL
Database Relations	JSON Web Tokens	Git & GitHub	HTML
CSS	Bootstrap	jQuery	Ajax

Summary

As a Laravel developer, I am driven by my passion for problem-solving, data structures, and design patterns. My skills allow me to enhance my performance as a software engineer. I am constantly motivated to apply my analytical and programming abilities to tackle complex challenges.

WORK EXPERIENCE:

Backend Developer (PHP/Laravel) | Kyan Labs Company for Software | October 2023 – Present.

Company website: <https://kyanlabs.com>

- Duties:

- Discussing project aims with the client and development team.
- Designing and building web applications using Laravel.
- Troubleshooting issues in the implementation and debug builds.
- Working with front-end and back-end developers on projects.
- Testing functionality for users and the backend.
- Ensuring that integrations run smoothly.
- Scaling projects based on client feedback.
- Recording and reporting on work done in Laravel.

PROJECTS

Educate Me System

About the project:

Nestlé

It is a special project for Nestle Company through which it is linked to many schools in all governorates through a protocol between the company and those schools throughout the Arab Republic of Egypt.

Missions:

- Addressed site performance issues and enhanced efficiency by optimizing code, removing redundancies, utilizing relations and joins, and restructuring the database.
- Completed first-phase tasks with high quality, improving code and properly linking tables.
- Gained the company's trust to communicate directly with the client in the second phase, reflecting my flexibility and competence in client relationship management.
- Corrected calculation errors and addressed numerical values in the system by gaining a thorough understanding of the project logic and restructuring the code effectively

KyanLabs

<https://kyanlabs.com/>

- Rebuilt the database structure and established relationships between tables.
- Implemented JWT-based authentication for secure login.
- Created endpoints for admin and user login, team creation, and the "Contact Us" page.
- Implemented API endpoints for listing company projects, client-specific projects, and allowing clients to request projects.
- Set up functionality for clients to send project requests to the admin, with approval managed through the admin dashboard or directly in the database

shops-coupons

<https://shops-coupons.com>

About the project:

-Shops-Coupons is a specialized platform offering the latest discount deals and promo codes for a wide range of local and international online stores. The website allows you to access the best deals and save money while shopping online with ease.

Missions:

- Develop the backend using Laravel to ensure the site's stability and security.
- Create and maintain RESTful APIs to facilitate front-end interaction with the database and display coupons.
- Structure and manage the database using Laravel Migrations to streamline development and maintenance.
- Optimize database queries and performance to ensure a fast and smooth user experience.
- Implement a secure authentication and authorization system to protect user data and prevent unauthorized access.

Renting cars System

About the project:

It is a multilingual car rental system with a control panel through which the admin rents cars and his drivers to a group of companies that have clients, or rents cars with other companies, such as Uber, to other clients.

Missions:

- The system was designed using the Model-View-Controller (MVC) architecture to achieve code organization and structure, making it easier to maintain and develop in the future.
- A comprehensive database structure was created with organized relationships between tables using Laravel Eloquent ORM, which contributes to improving performance and facilitating data handling.
- The system's theme was correctly installed with full support for multiple languages, allowing users to switch between languages seamlessly.

Freelancer projects

Digital platform of the National Office of School Publications

- The system was built using the MVC architecture, with the admin dashboard developed, project files organized, and the work environment configured to ensure efficient performance.
- Designed and fully structured the database, establishing relationships between tables to facilitate organized data access.
- Added sub-organizations under the main organization, with designated information accessible to management.
- Managed employee data for each organization individually, including inputting each employee's personal data, required attachments, certifications, and assigning tasks according to their roles.
- Created an integrated system for promotions, grants, and leave management according to the organization's policies, enabling precise tracking of each employee's status, promotions, and rewards.
- Enabled printing of employee certifications and generating detailed reports for each employee, tailored to client requests to facilitate performance monitoring and evaluations.
- Developed a comprehensive statistics system for the main organization and its subsidiaries, addressing complex requirements to provide accurate statistics with no issues, and allowing the printing of reports for each organization to support management in decision-making.

Work samples projects

Multi-Vendor Store

<https://github.com/ahmedezz93/Ecommerce-multi-vendor>

In this project, I focused on updating and increasing the efficiency of the code while incorporating several technologies and features that were not present in previous projects. Here are the key points of the project:

- The most important points of the project

- Design Pattern (Repository and Interface): Implemented the Repository pattern to separate data access logic from business logic. Used interfaces to define contracts for different modules.
- Multi-guard Authentication: Implemented multi-guard authentication to support different types of users with varying authentication requirements.
- Event and Listener: Utilized the Event and Listener system to decouple components and enable asynchronous communication within the application.
- Job and Schedule: Employed the Job and Schedule system for executing background tasks and scheduling recurring jobs.
- Job with Queue: Utilized queues to manage and prioritize background jobs, improving performance and scalability.
- Scopes (Local and Global Scope): Utilized local and global scopes to define reusable query constraints for database queries.
- Observers: Implemented observers to listen for specific model events such as creating, creating, updating, updating, etc., and performing related actions.
- Validation Request and Custom Validation Rules: Implemented validation requests to validate user input and applied custom validation rules as per project requirements.
- File System using Storage Path: Utilize the storage path to manage file uploads and storage within the application.
- Notifications: Implemented notifications using multiple channels such as email, database, and Pusher, allowing for real-time communication with users.
- Relationship Enhancement with Eager Loading: Optimized database queries by utilizing eager loading to eagerly retrieve related models in a single query.
- Pagination and Custom Pagination: Implemented pagination to efficiently manage and display large datasets and created custom pagination logic to meet specific requirements.
- Socialite Package: Integrated the Socialite package to enable users to log in using their Gmail accounts.
- Integration with Thawani Payment Gateway: Integrated the Thawani payment gateway to facilitate secure payment processing within the application

Ecommerce-store

<https://github.com/ahmedezz93/online-store->

it is an multi language (Arabic-English) and multi authenticated(user-admin) e-commerce web site that have multi categories, complete admin panel, site interface that display products and another functionality.

- The most important points of the project and missions

- Spatie/Laravel-translatable
- Use Multi guard authentication
- Use payment gateway my fatoorah the code is valid for any other payment gateways
- Use Design Pattern (Repository and Interface)
- Use Drop Zone to upload images
- Use role and permission without any packages
- Multi languages (Mcamara package)

School administration

<https://github.com/ahmedezz93/School-administration>

- The most important points of the project and missions

- Multi languages (mcamara package)
- Spatie/Laravel-translatable
- Use Multi guard authentication
- Use Design Pattern (Repository and Interface)
- Use Laravel livewire with form wizard &&Realtime-validation
- integration with zoom app To create online classes
- Use polymorph relationship to save images and files
- Use calendar live wire in school system
- Create a control panel for each of the admin, teachers, students and parents.

invoices management

<https://github.com/ahmedezz93/project-invoices>

- The most important points of the project and missions

- Use spatie permission package
 - Export Excel table invoices
 - Print Invoice for clients
 - Use Laravel notification to admins and users.
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