






ZEYAD MOHAMED

Software Engineer

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PROFILE SUMMARY

I am a Back-end Engineer with over 2 years of experience. I have worked on real-world projects, enhancing my problem-solving and debugging skills. I love coding, reading books, solving problems, taking on challenges, and building scalable systems.

Experiences

Backend Developer at EmtiazSoft

Apr 2025 – Present

Madares Project:

Led backend development and maintenance of the Madares website, a school comparison platform.

- Developed and maintained multi-language and multi-country support to enhance localization.
- Integrated third-party services such as OTP authentication, Algolia Search, Chatbase (Chatbot), and CRM systems.
- Implemented IP-based location detection to personalize content by region.
- Refactored legacy code for better scalability and performance.
- Applied SEO optimization techniques to improve search engine visibility.
- Maintained and enhanced the admin dashboard, ensuring usability and performance.

Jumbo Project:

Contributed to the development of a large-scale e-commerce platform using Laravel.

- Worked on Laravel REST APIs, focusing on payment gateway integrations and API refactoring to improve speed and maintainability.
- Participated in performance debugging and production issue resolution.

Ingaz CRM Project:

Provided ongoing support and feature development for the Ingaz CRM system.

- Added new modules and maintained system stability.
- Collaborated closely with front-end and QA teams to deliver high-quality releases.

Educational Backend Mentor at Eraasoft:

Aug 2024 – Present

- Assisted in teaching and mentoring students in back-end development
- Developed and optimized scalable back-end solutions using Laravel & PHP.

Full-Stack Development Trainee at DEPI:

May 2024 – Sep 2024

- Gained practical experience in advanced **front-end** and **back-end** technologies while developing soft skills.

Back-end intern at Eraasoft:

Aug 2023 – Jan 2024

- Gained experience in API development, database optimization, and software architecture.

Freelance Project

▪ Hospital Management System

Full-Stack Developer | 2025

Laravel 12, PHP 8.2, MySQL, Bootstrap, JavaScript, AJAX

Developed a full-featured hospital management system with role-based access for Admin, Doctor, Nurse, and Employee users.

- Built end-to-end patient management: medical records, exams, lab reports, and room assignments
- Developed advanced medical examination modules (neurological & cognitive assessments)

- Implemented real-time search and pagination using AJAX for better performance
- Created lab and radiology management with file uploads and result tracking
- Designed pharmacy inventory system with stock control and medicine catalog
- Built responsive dashboards with analytics and reporting for admin oversight

Impact:

- Automated administrative processes, reducing workload by 60%
- Ensured scalability to handle thousands of medical records securely
- Applied healthcare compliance and data privacy standards
- Improved staff productivity through a user-friendly interface

- **Reops Learning Management System**

Laravel 10, Livewire, MySQL, Google Drive API

Developed a multi-role web application for managing corporate training, with dashboards for Super Admin, Manager, and Client.

- Implemented course creation, employee progress tracking, and auto certificate generation
- Built secure company onboarding workflows with role-based access control
- Integrated online payment gateways and Google Drive API for document management
- Used Laravel Livewire for dynamic, real-time UI interactions without page reloads

Impact:

- Streamlined corporate training operations and automated certificate issuance
- Enhanced user experience with a responsive, role-specific dashboard design
- Enabled scalable and secure multi-company training management

TECHNICAL SKILLS

Programming Languages : **PHP | JavaScript (ES6) | C++**

Backend: **Laravel | REST APIs | OOP | MVC | Design Patterns**

Frontend: **HTML5 | CSS3 | Bootstrap 5**

Databases: **MySQL | SQL Server | PostgreSQL**

Tools: **GitHub/Git | Ajax | Postman**

Others: **Solid Principles | UML diagrams | test cases**

CERTIFICATIONS

Back-End Diploma, Eraasoft Academy :

- Successfully completed a 160-hour Back-End program, including both learning and practical tasks and projects (July 2023 - January 2024)

CS50's Harvard :

- Introduction to Computer Science

- Gained foundational knowledge in algorithms, data structures, and problem-solving.

OTHER SKILLS & LANGUAGES

Languages: Arabic(native) | English(intermediate)

Interpersonal Skills : Self-learner | Communication skills | Eager to learn | Presentation skills | Self-motivated

EDUCATION

Thebes Academy

Bachelor of Computer Science

May 2025 – Sep 2021

Relevant Coursework: Database, Software Engineering, Operating Systems, Algorithms, Artificial Intelligence, Data structure.

UNIVERSITY PROJECTS

CISCO packet tracer project:

- Design two organizations using and configuring these protocols (Vlan - Lan - Telnet - PVST - DHCP - MLS - Router - Switch - STR).

Automatic Irrigation Analysis System:

- s for reclaiming desert lands: I collected and analyzed exploratory data (problem statement - feasibility study - SRS - DFD).

UML diagrams for E-commerce:

- worked on (use case - class diagram - activity diagram - sequence diagram - state diagram).

VOLUNTEERING EXPERIENCE

Google Developer Student Clubs :

backend instructor

Jan 2024 – May2024

Tiba byte Student activity:

Marketing and Content writer member

May 2023 – Jan2024