**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 & Training**

**Backend Developer & Educational Assistant 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.

- Worked on production-level LMS and E-Commerce systems.

**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.

**PROJECTS**

· **Molla Store (Full E-Commerce App)** – Built with PHP, Laravel, MySQL, and MVC; front-end with HTML5, Bootstrap 5, JavaScript, jQuery, and AJAX.

· **Clinic Application** – Includes booking management, doctor details, contact management, full CRUD operations, and role-based access control for staff and admins.

· **Book Store API** – Laravel-based API with category controls, product/cart management, checkout, admin panel, and secure authentication.

· **Courses Application** – Built with Laravel, PostgreSQL, repository pattern, and API. Features localization, category & guards controls, admin panel, and core course management functionalities.

· **Online Banking System** – Developed with PHP (OOP & MVC).

**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

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