Ziad Mahmoud Badr
Back-end Developer (Laravel)

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Professional summary

· *Junior Backend Developer with over 1 year of experience building scalable e-learning, e-commerce, and enterprise systems. Proven expertise in RESTful APIs, database architecture, and performance optimization (reducing server load by 70%). Passionate about clean code (SOLID, design patterns) and mentoring teams, with a track record of improving code quality by 30%.*

Skills

Languages & Frameworks: PHP, Laravel, Livewire, Filament, JavaScript, SQL, MySQL, GraphQL (Basic)

Backend Development: RESTful APIs, MVC & HMVC Architecture, OOP, Design Patterns, SOLID Principles, Laravel Queues & Events

Tools & Platforms: GitHub, Postman, Payment Gateway Integration, Third-Party API Integration

Soft Skills: Agile/Scrum Collaboration, Team Mentorship, Problem-Solving, Communication, Time Management, Adaptability

Work history

Backend Developer, BeGroup, Egypt, August 2024 – Present
Responsibilities:
· *Developed and maintained multiple Laravel-based applications, including LMS and e-commerce platforms.*
· *Built 3 full-stack Laravel systems from scratch using Blade components and a service-layer architecture.*
· *Mentored 2 junior developers, resulting in a 30% improvement in code quality and onboarding speed.*
· *Applied SOLID principles and implemented unit testing to increase maintainability and reduce bugs.*
· *Collaborated on requirements analysis and contributed to backend scalability improvements.*
Tech Stack: *Laravel, PHP, MySQL, GitHub, JavaScript*

Backend Developer, Tuwaiq, Egypt, February 2024 – May 2024
Responsibilities:
· *Developed a task management system using Laravel for internal team use.*
· *Designed and implemented secure, RESTful APIs for dynamic content management.*
· *Integrated APIs with frontend teams to ensure seamless functionality.*
· *Refactored legacy Laravel code using SOLID principles and Service Pattern, cutting complexity by 25% and boosting team onboarding speed.*
Tech Stack: *Laravel, PHP, MySQL, GitHub, Postman, RESTFUL APIs*

Projects

Maharat Al-Mobdioon (LMS for King Abdulaziz University) https://mharat-almobdioon.com/ar
A high-scale training platform serving **30,000+ users**, handling course management, automated attendance tracking, and certification.
· *Integrated Google Drive API for secure, scalable file storage **(reducing server costs by 70%)***
· *Implemented Observer Pattern for real-time system logging.*
***Tech Stack:** Laravel 10, PHP, MySQL, Blade, Google Drive API*

Bader Tech https://badertech.com.sa/ar
A full e-learning platform consisting of two parts:
· *The main LMS system for managing and viewing courses online and offline (in-person)*
· *The academy's official profile and landing website*
· *Developed the entire platform from scratch. Frontend design was provided, then restructured and implemented using Blade components. All backend development was handled independently.*
***Tech Stack:** Laravel 10, PHP, MySQL, Blade Components*

BMK   https://bmk.com.sa/ar
Investment Platform for Financial Funds *(Under the Saudi Ministry of Finance)*
Contributions:
· *Built scalable database architecture from the ground up.*
· *Built complex registration logic with multiple steps (17 for individuals, 21 for companies).*
· *Improved system performance and resolved stability issues.*
***Tech Stack:** Laravel 10, PHP, MySQL, Blade*

Career Hub (Published but not work yet) https://career-hub.co/
A recruitment platform connecting employers and job seekers.
Contributions:
· *Enhanced key parts of the system and improved overall functionality*
· *Fixed existing bugs and resolved performance issues*
· *Integrated **Google authentication** and other third-party services for secure login and platform integration*
***Tech Stack:** Laravel 10, PHP, MySQL, Blade, Google OAuth2*

Training Management Platform – Ministry of Defense (Saudi Arabia)
A secure internal platform built for the Saudi Ministry of Defense to manage training programs for officers and soldiers, including scheduling, attendance tracking, and certification.
Tech Stack: Laravel 10, PHP, MySQL, Blade

Education

Bachelor of Science in Computer Science and Artificial Intelligence
Cairo University, Egypt | September 2020 – July 2024

Language

English: Professional Proficiency
Arabic: Native proficiency