Abdelrahim Abuelmaaref

Junior Backend Developer

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Professional Summary

Junior Backend Developer skilled in PHP and Laravel, with experience in scalable web apps and RESTful APIs. Passionate about clean, SOLID code and continuous improvement.

Education

Sohag University, Bachelor of Computers & Artificial Intelligence   Sept 2021 – June 2025
- **Relevant coursework:** Data Structures & Algorithms, Database Management, Web Development
- **Final year project:** AI Learning Management System (AI-LMS)

Technical Skills

Languages: PHP, C++, JavaScript (ES6+), SQL, HTML5/CSS3
Frameworks & Tools: Laravel, RESTful API Development, MySQL, Git, GitHub, Docker, Composer
Architecture & Principles: MVC, Repository Pattern, SOLID, OOP, Clean Code, API Integration

Projects

Learning Management System (LMS) | **GitHub** | *Laravel, PHP, MySQL, Angular*   Feb 2025 – Present
- Architected Laravel-based LMS supporting 500+ concurrent users with 99.9% uptime
- Implemented role-based access control system with granular permissions
- Led 5-person development team as technical lead, managing sprints and deliverables

Real-Time Chat Application | **GitHub** | *Laravel 12, Reverb, PHP, WebSockets*   Mar 2025 – Apr 2025
- Built scalable WebSocket-powered messaging platform handling 1,000+ simultaneous connections
- Implemented Laravel Sanctum for secure authentication, reducing security vulnerabilities by 95%
- Leveraged event-driven architecture to maintain high-speed data transmission

E-commerce RESTful API | **GitHub** | *Laravel, PHP, MySQL, OAuth*   Oct 2024 – Nov 2024
- Developed comprehensive RESTful API endpoints handling 50,000+ daily requests with 99.5% uptime
- Implemented OAuth 2.0 token-based authentication and OpenAPI-compliant documentation
- Optimized database queries and implemented caching, improving response times by 60%

Newssy App | **GitHub** | *Laravel, PHP, MySQL*   Aug 2024 – Sep 2024
- Engineered a robust news management system supporting 5,000+ users with dynamic content delivery
- Implemented multi-language localization (AR, EN, FR) increasing user engagement by 35%
- Developed analytics dashboard and optimized frontend with lazy loading, reducing load times by 45%

Professional Skills

Problem-Solving: Analytical approach to debugging and resolving complex technical challenges
Communication & Collaboration: Clear documentation and effective teamwork in Agile environments

Languages

Arabic: Native Proficiency
English: Professional Working Proficiency