

Hussein Mutahar Qaid

Full Stack Developer

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Summary:

Full Stack Developer with hands-on experience developing backend systems and web applications using .NET and Laravel ecosystems. Skilled in RESTful API development, relational databases, and building clean, maintainable software using structured architectural practices. Experienced in developing responsive and interactive web applications using JavaScript, Livewire, Alpine.js, and Bootstrap, with a strong foundation in modern JavaScript and component-based web development, enabling rapid adaptation to frameworks such as React and Next.js. Familiar with Git workflows and collaborative development environments, with a strong focus on problem-solving, code quality, and continuous learning.

Projects:

Social media and jobs Full Stack (Graduation Project& Includes AI-based Career Guidance Module – Slam Hack)

(From: Oct 2024 To: Present)

Description: Developed a scalable professional networking platform inspired by LinkedIn using Laravel and Livewire, focusing on backend logic, modular architecture, database optimization, and responsive user interactions.

Technologies: PHP, Laravel, Livewire, MySQL, Alpine.js, JavaScript, Bootstrap

Key Contributions:

- Optimized database performance by creating indexes and eliminating N+1 query issues using eager loading, **improving data retrieval efficiency by ~35–40% and reducing server query load.**
- Utilized MVC architecture with reusable traits to maintain clean, DRY, and organized code, reducing code duplication and simplifying future feature enhancements and maintenance.
- Integrated an AI-assisted career guidance module that analyzes CVs and assessment inputs to generate automated career reports and recommendations.
- Developed responsive and interactive UI components using Livewire and Alpine.js to improve user experience and real-time interactions.
- Implemented backend business logic, ensured data consistency, and optimized application performance for real-world user interactions.
- Collaborated within Agile workflows, coordinating tasks and participating in code reviews to maintain consistent coding standards and feature quality.

Taskeen (Backend with RESTful API) (From: Aug 2025 To: Present)

Developed a maintainable backend system for team task management using .NET Core and Clean Layered Architecture, providing RESTful APIs for task assignment, status tracking, and notifications.

Technologies: C#, ASP.NET Core, .NET Core, SQL Server, ADO.NET, RESTful APIs, JWT Authentication, Git, Clean Architecture.

Key Contributions:

- Implemented event-driven notification handling, reducing task update **latency and improving responsiveness under concurrent updates.**
- Designed and implemented a Clean Layered Architecture focused on **scalability, maintainability, and separation of concerns.**
- **Improved API response time by using stored procedures with ADO.NET** and minimizing redundant database calls.
- Simplified collection handling by using appropriate in-memory **data structures, reducing code complexity and improving readability.**
- Enhanced system scalability by **applying asynchronous database reads (async/await), improving request handling and responsiveness during concurrent operations.**

Driving License Management System – Desktop Application (From: Jan 2025 To: Apr 2025)

Description: Built a .NET desktop application to manage driving license workflows, including issuance, renewal, and test scheduling, with a strong focus on reliability, data integrity, and maintainable architecture.

Technologies: C#, .NET Framework, SQL Server, ADO.NET, Event Viewer, Stored Procedures

Key Contributions:

- Implemented a **clean 3-tier architecture**, reducing code duplication and improving maintainability.
- Optimized license and test workflows, reducing **manual processing** through structured business logic and validated data flows.
- Improved system reliability by integrating **structured logging and exception handling**, cutting troubleshooting time by improving log traceability and error visibility.

Experiences:

Desktop Developer – Intern | Deepsafer *Jan 2025 – Jul 2025*

Key Achievements & Responsibilities:

- Improved file scanning performance by ~40% using **multithreading**, enabling parallel processing instead of single-threaded execution.
- Reduced file lookup and processing time through optimized **Dictionary-based data structures**.
- Designed modular and extensible components using SOLID principles, enabling easy addition of monitoring rules and improving maintainability.
- Increased system reliability and debugging efficiency by implementing structured **logging and exception handling**.

Certifications:

- **Secure Your APIs: JWT, Roles & Policies in ASP.NET Core – Programming Advices, Jun 2026**
- **Database Level 2: Concepts & T-SQL – Programming Advices, Sep 2025**
- **Introduction to RESTful API – Programming Advices, Jul 2025**
- **Data Structures Level 1 & 2 in C# – Programming Advices, Jul 2025**
- **C# & Database Connectivity – Programming Advices, Nov 2024**
- **Algorithms & Problem-Solving Levels 3–5 – Programming Advices, Jul 2024**
- **Database Level 2 – SQL (Projects & Practice) – Programming Advices, Jul 2024**
- **English B2 (EF SET), Sep 2025**

Skills & abilities

- **Programming Languages:** PHP, C#, C++, JavaScript
- **Web Development:** Laravel, Livewire, Alpine.js, HTML5, CSS3, Bootstrap5, Tailwind, RESTful APIs, JavaScript (ES6+), component-based UI development, and practical exposure to React concepts and Next.js fundamentals.
- **Database Management:** Strong experience with SQL databases including MySQL and SQL Server, with skills in query optimization and schema design, ORM (Eloquent), ADO.NET
- **Problem-Solving:** Strong foundation in algorithms and data structures, with hands-on experience solving over 480 programming problems
- **Software Architecture & Design:** Clean Architecture, 3-Tier Architecture, Repository Pattern, Service Layer Pattern, SOLID Principles, MVC Pattern
- **Development Practices:** Git Version Control, Agile/Scrum Methodology, Cross-functional Collaboration, Basic Docker, AI-assisted development for debugging and productivity
- **Programming Concepts:** Asynchronous Programming (async/await), OOP, Data Structures & Algorithms, Authentication & Authorization, JWT
- **Languages:** Arabic (Native), English (B2 - EF SET)

Education

Bachelor of Science in Computer Science, AL Razi, Sanaa, [Jun, 2025]