# Heba Adel Ahmed

## ASP.NET Developer

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github.com/ihebamohammed

## PROFILE

Graduated from the Faculty of Computer Science and Artificial Intelligence. Skilled .NET backend developer with expertise in building scalable, secure applications using ASP.NET Core, Entity Framework, and C#. Experienced in developing RESTful APIs, database design, and implementing JWT-based authentication. Strong knowledge of OOP, software architecture, and agile development practices.

## WORK EXPERIENCE

**DEPI Trainee - ASP.NET Development,** *Digital Egypt Pioneers Initiative* 🔗    Oct 2024 – May 2024
- Managed SQL databases and developed ASP.NET MVC applications, creating and consuming RESTful APIs for data exchange.

Cairo, Egypt

**Coding Instructor,** *iSchool* 🔗    Feb 2024 – Jul 2024
- Covered key topics such as algorithms, data structures, and object-oriented programming.

Remotely

**Software Developer,** *Commit*    Oct 2023 – Jan 2024
- Developed project-based mobile applications using Clean Architecture principles for modular and scalable codebases.

Freelance

## EDUCATION

**Bachelor's degree in Computer Science and Artificial Intelligence —Very Good,**    Sep 2019 – Jul 2023
*Helwan University* 🔗

Cairo, Egypt

   **MobiCare**: *Express.JS, Truffle, MySQL, Firebase, and Flutter*
- My Graduation Project: A+
- Developed a responsive mobile application using Flutter.
- Integrated blockchain into a Flutter app for improved security and data integrity.

**ITI Trainee,** *Information Technology Institute (ITI)* 🔗    Apr 2022 – Aug 2022
- Learned to develop Android applications using Java and Kotlin.

Cairo, Egypt

## SKILLS

**Techniques:** OOP │ DSA │ Design Pattern │ SOLID │ Rest APIs │ Asynchronous │ Git │ Swagger

**Development:** LINQ │ Entity Framework │ ASP.NET MVC │ ASP.NET APIs │ JWT │ SignalR

**Languages:** C# │ HTML │ CSS3 │ JavaScript

**Data Storage:** SQL │ Redis

**Soft Skills:** Adaptability │ Teamwork │ Problem-Solving │ Attention to Detail │ Collaborating

## PROJECTS

**Talabat Clone,**
*.NET APIs, MVC, Entity Framework, JWT, Redis, Stripe, Repository Pattern, UnitOfWork, Identity, Onion Architecture.* 🔗
- Developed an eCommerce application featuring product and basket management with order processing.
- Integrated Redis for efficient data caching, enhancing application performance.

- Implemented payment integration using stripe for secure transactions and streamlined checkout experiences.

**Company Dashboard,** *.NET MVC, Entity Framework, Repository Patten, UnitOfWork, Identity, N-Tier Architecture.* 🔗
- Supports all CRUD operations for employees and departments.
- Follows a three-tier architecture, utilizing the Repository pattern and Unit of Work for data management.

**Bloggie,** *.NET MVC, Entity Framework, Identity, Repository Pattern, N-Tier Architecture.* 🔗
- It allows admin to easily create, manage, and engage with blog content.
- The platform offers secure and efficient performance, connecting writers and readers within a vibrant blogging community.

**Magic Villa,** *.NET APIs, MVC, Entity Framework, JWT, Repository Pattern, UnitOfWork, N-Tier Architecture.* 🔗
- Created APIs with Swagger documentation for easy integration and usage.
- Developed an MVC application to consume these APIs, facilitating seamless data interaction.

**White Laggon,** *.NET MVC, Clean Architecture, JWT, Repository, UnitOfWork, Payment Integration, Charts, Exports.* 🔗
- Applied Clean Architecture, Unit of Work, Specifications, and Repository Pattern to ensure efficient data handling.
- Integrated chart functionality and exported details to PPTX format in an MVC project for enhanced reporting.

**Saydalia Online,** *.NET MVC, Entity Framework, JWT, Repository Pattern, PayPal Integration, SMTP ,Identity.* 🔗
- Developed a digital pharmacy platform using ASP.NET MVC with role-based authentication, PayPal integration, email notifications for password recovery, and robust order management.
- Implemented Repository Pattern and Service Layer architecture to ensure clean, maintainable code, enabling efficient product management, secure payment processing, and smooth user interactions.

## CERTIFICATES

**Learn SQL from scratch in Arabic** 🔗 — Udemy

**ASP.NET MVC Complete Guide using .NET Core** 🔗 — Udemy

**RESTful Web API - The Complete Guide (.NET API) Part 1** 🔗 — Udemy

**Clean Architecture in .NET Core MVC[.NET 8] - Complete Guide** — Udemy

**RESTful Web API - The Complete Guide (.NET API) Part 2** 🔗 — Udemy

**ASP.NET Core Identity - Authentication & Authorization [MVC]** — Udemy

**Algorithms Analysis and Design from scratch** 🔗 — Cloud Base Code Camp

**Data Structures Decode** 🔗 — Cloud Base Code Camp

**SQL Fundamentals** 🔗 — DataCamp

## LANGUAGES

- Arabic
- English