

# Mahmoud Hamdi

Back-End Web Developer

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## SUMMARY

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Junior .NET Backend Developer experienced in C#, ASP.NET Core, SQL Server, Entity Framework, LINQ, RESTful APIs, and OOP principles. Familiar with backend architecture and database-driven applications.

## EXPERIENCE

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### Junior Backend Developer | Codeikoo (Sep 2025 – Present)

- Developed and optimized RESTful APIs using ASP.NET Core, implementing secure authentication and authorization with Identity Framework and JWT Tokens.
- Designed and maintained complex database schemas using EF Core Code First, utilizing Fluent API for advanced data modeling and relationships.
- Streamlined data transformation between layers by implementing AutoMapper with custom Value Resolvers to handle complex business logic.
- Collaborated on version control using Git/GitHub, managing feature branches and participating in the Pull Request and code review process.

## SKILLS

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- **Programming Languages:** C++, C#, JavaScript, OOP in C#, Advanced C#
- Data Structure & Algorithms.
- Advanced Database .
- **Technologies:** ASP.NET, Microsoft SQL Server, Entity Framework, LINQ, MVC, Web API, Dapper, Agile, Design Patterns, SOLID Principles, HTML5, CSS, Bootstrap
- **Tools:** Visual Studio, Git, GitHub, Postman, SQL Server Management Studio (SSMS).
- **Language:** ( Arabic , English).

## EDUCATION

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Higher Institute for Computer Science and Information Systems  
Bachelor of Computer Science (2021 – 2025) | Grade: Very Good

2021 – 2025

## Certifications

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Full Stack Web Developer Certificate (Link )

Route Academy, Egypt

## PROJECTS

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### Emergency Communication System for the Deaf and Mute (Graduation Project) 2025

- Developed mobile and web apps with video, live recording, and AI-based sign language translation.
- Built backend using ASP.NET Core Web API and SQL Server to manage user requests efficiently.
- **GitHub Link:** <https://github.com/mahmoudhamdi01/EmeregencyApp>

### Company Management System (MVC Project)

2025

- Developed ASP.NET MVC web app with CRUD operations for Employees and Departments.
- Implemented user/role management and maintained SQL Server database using Entity Framework.
  - **GitHub Link:** <https://github.com/mahmoudhamdi01/CompanyMVC>
  - **Website Link:** [Login](#)

### Talabat Project

2025

- Developed ASP.NET Core Web API with Entity Framework Core and basket CRUD operations.
- Implemented JWT authentication, in-memory caching, and followed clean architecture for scalable
  - **GitHub Link:** <https://github.com/mahmoudhamdi01/E-Commerce>