

# Hisham Abdalla Kamal

.NET BACKEND DEVELOPER

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## PROFILE

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- Aspiring Back-End Developer with a strong foundation in C# , ASP.NET Core, and modern back-end development practices.
- Skilled in building secure, scalable applications using clean architecture and industry-standard tools.
- Passionate about solving complex problems, writing efficient server-side code, and collaborating in team environments.
- Continuously learning and exploring new technologies to enhance development productivity and software quality

## EDUCATION

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**Mansoura University, Faculty of Computer & Information Sciences**  
*Bachelor of Science in Computer Science*

Mansoura, Egypt  
2021 – 2025

## PROFESSIONAL EXPERIENCE

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### Digital Egypt Pioneers Initiative (DEPI)

*Full-Stack Development Trainee*

Mansoura, Egypt  
Apr 2024 – Oct 2024

- Developed web applications using C#, ASP.NET MVC, Entity Framework Core, LINQ, and SQL Server.
- Created RESTful APIs and collaborated on version-controlled projects using GitHub.
- Contributed to a team-based graduation project, enhancing skills in agile development and collaboration.

### Information Technology Institute (ITI)

*ASP.NET Development Trainee*

Mansoura, Egypt  
Jul 2024 – Sep 2024

- Built full-stack web applications with C#, ASP.NET MVC, and Entity Framework Core.
- Implemented secure authentication, role-based access controls, and optimized SQL Server queries.
- Developed hands-on expertise in building maintainable and scalable web solutions.

## PROJECTS

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### Evolvify - Soft Skills Learning Platform (Graduation Project)

- Built a scalable backend for an educational platform using ASP.NET Core Web API to foster students' soft skills development.
- Architected system with Clean Architecture, CQRS, and Specification Pattern for enhanced modularity and maintainability.
- Integrated AI model to evaluate user proficiency and deliver personalized course recommendations, increasing engagement.
- Developed secure RESTful APIs with JWT authentication, AutoMapper, FluentValidation, and Stripe for subscription management.
- Designed interactive community features and quiz system to track learning progress and boost user interaction.
- Collaborated effectively with team, leveraging strong communication and teamwork to deliver high-quality solution on schedule.

### WebStore API

- Built a scalable e-commerce backend using ASP.NET Core and Onion Architecture with Repository, Unit of Work, and Specification patterns.
- Implemented JWT authentication, role-based access, Redis caching, and Stripe payment integration with webhooks.
- Containerized the application using Docker and automated deployment via GitHub Actions CI/CD.

### Restaurant Management API

- Designed and implemented a secure RESTful API using Clean Architecture and CQRS patterns.

- Leveraged MediatR, FluentValidation, AutoMapper, and Serilog for robust functionality and logging.
- Integrated role-based and resource-based authorization with custom middleware for enhanced security.

### **Nilura - Clothing E-Commerce Platform (Graduation Project – DEPI)**

- Built a full-stack e-commerce platform using ASP.NET MVC with Stripe payment integration.
- Designed admin and customer roles, product management, and secure authentication workflows.
- Utilized N-Tier architecture and Repository pattern to ensure code maintainability.

## TECHNICAL SKILLS

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- **Programming Languages:** C#, SQL, HTML, CSS
- **Frameworks & Libraries:** ASP.NET MVC, ASP.NET Web API, Entity Framework Core, SignalR
- **Architectural Patterns:** Clean Architecture, Onion Architecture, N-Tier & Specification Pattern, CQRS
- **Concepts:** OOP, SOLID Principles, Design Patterns, LINQ, RESTful APIs
- **Tools & Technologies:** Git, GitHub, Docker, SQL Server, Redis, Stripe, Serilog

## CERTIFICATIONS

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- Digital Egypt Pioneers Initiative (DEPI) – Full-Stack Development
- Information Technology Institute (ITI) – ASP.NET MVC Training
- DevFest Hackathon – Participant

## SOFT SKILLS

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- Effective Communication, Problem-Solving, Team Collaboration, Adaptability

## LANGUAGES

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- Arabic , English