

# Nada Awad .Net Backend Developer

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## PROFILE

Backend Developer with expertise in C#, ASP.NET Core MVC, Web API, and Entity Framework. Skilled in LINQ, SOLID principles, and RESTful API development, with strong knowledge of SQL Server. Experienced in building scalable, maintainable systems and writing efficient code.

## EDUCATION

**Bachelor of Computer Science** 09/2020 – 05/2024  
Minufiya University, Faculty of Computers and Information

## PROFESSIONAL EXPERIENCE

**Full stack .Net Web Developer** 08/2024 – present  
Digital Egypt Pioneers Initiative (DEPI)  
Assisting in backend development with .NET technologies.



**React Development Intern** 09/2022 – 10/2022  
Information Technology Institute (ITI)  
Worked on front-end development using React.

**Web Development Intern** 02/2022 – 03/2022  
Information Technology Institute (ITI)  
Developed web applications using HTML, CSS, Bootstrap, and JavaScript.

## SKILLS

- Programming Languages** — C#
- Architectures** — Onion Architecture | 3-Tier Architecture
- Frameworks & Libraries** — ASP.NET MVC | Entity Framework | ASP.NET Core | LINQ | Auto Mapper
- Databases** — SQL Server | Redis
- Design Patterns** — Repository Pattern | Specification Pattern
- Authentication & Authorization** — JWT Authentication | Identity Management
- Web Development** — HTML5 | CSS3 | Bootstrap
- Principles** — SOLID Principles | Object-Oriented Programming (OOP) | Dependency Injection

## PROJECTS

- Library Management System API** 
- Built a high-performance library management system using ASP.NET Core with scalability and clean architecture principles.
  - Implemented JWT for secure user authentication and ASP.NET Identity for role-based access control.
  - Integrated a password reset feature and added email notifications using SMTP.
  - Used Unit of Work, Repository, and Specification design patterns for efficient data access.
  - Leveraged Redis caching, Entity Framework, SQL Server, and LINQ for optimal performance and data handling.
  - Integrated Stripe for seamless online payment processing.
- Company Management System** 
- Developed a comprehensive company management system using ASP.NET Core MVC.
  - Designed with a 3-tier architecture for scalable application development.
  - Implemented employee management, payroll, and task management modules.
  - Integrated secure user authentication and role-based access control using ASP.NET Identity.
  - Used Entity Framework and LINQ for efficient database management and business logic.
  - Added email notifications for system alerts and user updates.
  - Ensured responsive UI design using HTML, CSS, and Bootstrap for enhanced user experience.