

Mohamed Saad

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Summary

Committed .NET developer skilled in C# and ASP.NET Core , dedicated to continuous improvement. Seeking to evolve into a product-minded software engineer, combining technical expertise with a user-centered approach. Eager to contribute to innovative projects through collaborative teamwork and ongoing learning.

Education

Bachelor of Computer Science

Faculty of Computers and Information, Kafra El Sheikh University, Egypt

Expected Graduation: August 2026

- GPA: 3.6

Internships

Information Technology Institute (ITI), Tanta Branch
Front-End Development Intern – React.js

Jul 2025 – Aug 2025

Digital Egypt Pioneers Program (DEPI), MCIT
Full Stack ASP.NET Core Developer Intern

Nov 2024 – May 2025

Projects

Magic Villa - (Asp .Net Core RESTful Web API) - [Link](#)

Tech Stack : .NET API, .NET Core MVC, SQL, Entity Framework, Linq, HTML5, CSS, JavaScript, Bootstrap v5

- Developed a villa rental management system with .NET 8 Web API, featuring RESTful architecture, CRUD operations, image upload, advanced booking, and versioned endpoints.
- Implemented robust security with JWT authentication with Refresh Tokens, role-based access, and API key management.
- Applied Repository pattern, AutoMapper, and Swagger for efficiency and documentation, caching, pagination, and filtering. Ensured code quality with unit testing, API validation, and error handling.

Online Book Store - (E-commerce Asp .Net Core MVC Web Application) - [Link](#)

Tech Stack : .NET Core MVC, SQL, Entity Framework, Linq, HTML5, CSS, JavaScript, Bootstrap v5

- Designed and developed a dynamic e-commerce platform using modern web technologies.
- Utilized ASP.NET Core Identity for secure authentication, automated seed database migrations, and Dependency Injection, Unit of Work, and N-Tier architecture, Repository Pattern .
- Integrated Stripe payment gateway, multi-image upload, external login, and email confirmation, shopping cart functionality, order management system, user and role management, Integrated DataTables API

Game Zone - [Link](#)

Tech Stack : .NET Core MVC, SQL, Entity Framework, Linq, HTML5, CSS, JavaScript, Bootstrap v5, AJAX

- Built a web application to manage games, featuring basic CRUD operations and advanced concepts.
- Used N-Tier Architecture, Repository Pattern, and Dependency Injection for maintainable code.

Skills

- **Languages :** C#, C++, JavaScript, HTML5, CSS3, BootStrap 5
- **Frameworks :** ASP .Net Core (MVC , RESTful Web API , Identity)
- **Design Patterns:** Unit of Work, Repository Pattern
- **Architectural Patterns:** N-Tier Architecture
- **Concepts:** OOP Analysis, and Design, Solid Principles, clean code, ORM (Entity FrameWork), Linq, Data Structures, Authentication & Authorization (JWT with Refresh Tokens, API Versioning, Caching (Response, Memory), Logging (Serilog), Real-Time Communication (SignalR), Payment Integration (Stripe)
- **Databases :** Microsoft SQL Server, ERD Design , Query Optimization
- **DevOps :** Docker (Containerization)
- **Tools :** GitHub, Git, Postman
- **Interpersonal skills :** Communication skills, time management, self-learning, Proactive, flexibility

Languages

- **Arabic :** Native
- **English :** Very Good