Mohamed Hassan

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PROFESSIONAL SUMMARY

Dedicated Software Engineer with hands-on experience in building scalable web applications and robust RESTful APIs, utilizing .NET, Node.js, and TypeScript for clean architecture and performance optimization. Strong background in backend systems, API design, and delivering reliable production-ready solutions. Passionate about backend engineering and databases with a focus on maintainable code.

SKILLS

C# • JavaScript • TypeScript • Java • ASP.NET Core • .NET Web API • Node.js • Angular • Blazor • Entity Framework Core • Drizzle ORM • JWT Authentication • OAuth • SignalR • Serilog • MySQL • SQL Server • SQL • Git • GitHub • OOP • Clean Architecture • SOLID • MVC • RESTful APIs • WebSockets • HTTPS

WORK EXPERIENCE

Software Engineer - Adappt

Jun 2025 - Present

• Contributed to the development of a project management system

• Designed and implemented backend APIs, database schemas, and service integrations

• Improved system performance and reliability

Freelance Backend Developer - Plans-Plus Platform

Feb 2025 - May 2025

• Developed a backend system for a football coaching platform

• Implemented secure authentication using JWT and integrated OAuth for third-party login

• Integrated video hosting services and payment gateways

ASP.NET Core Developer - INNOTECH Company

Jan 2023 - Mar 2024

• Developed clean, well-structured code following best practices

• Designed and maintained ASP.NET Core applications with a strong focus on API development

• Utilized Entity Framework Core for efficient database design and interactions

EDUCATION

Bachelor of Computer Science - Tanta University, 2021-2025

PROJECTS

Plant-it E-Commerce Project: Built a plant-ordering platform using .NET Web API, EF Core, and MySQL with JWT authentication and Google OAuth

Generic-Server: Developed a generic repository and controller for CRUD operations in ASP.NET Web API

Escaping-Robot Game: Created a physics-driven game using Java and libGDX, applying Clean Architecture and separation of concerns