

## Araz Dabaghsadeghipour — Software Engineer (Backend Developer)

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### Profile Summary

Highly motivated **Software Engineer** with strong expertise in backend development using **C#**, **.NET Core**, and **SQL Server**.

Passionate about building clean, scalable, and maintainable systems that solve real-world business problems.

Experienced in both **desktop (Windows Forms)** and **web-based** applications, with a focus on performance, security, and logical architecture.

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### Technical Skills

#### Programming Languages:

C#, Java, Python

#### Frameworks & Tools:

.NET / .NET Core, Entity Framework, Windows Forms, ASP.NET Web API

#### Database Systems:

SQL Server, MySQL

#### Software Design & Architecture:

REST API Design, Clean Architecture, Layered Architecture, Object-Oriented Programming (OOP), LINQ

#### Development Tools:

Visual Studio, SSMS, Postman, Git, GitHub

#### Other Skills:

Problem Solving, Debugging, Team Collaboration, Reporting Tools (Stimulsoft Reports)

## Projects

### User & Assets Management System

*A Windows Forms desktop application built with C# and SQL Server.*

- Enables defining and managing users based on personnel codes.
- Supports registering and tracking user devices.
- Allows enabling/disabling devices for users dynamically.
- Generates advanced reports using Stimulsoft.
- Designed with a clean, modular codebase for easy maintenance.

### Inventory Tracker

*A .NET Core + SQL Server system for managing products, stock movements, and analytics dashboards.*

- Built with Entity Framework Core for structured, efficient data handling.
- Includes modules for sales, purchases, and product tracking.
- Supports dynamic reporting and insights for business management.

### Real Estate Management System – Public Overview

*A .NET 8 Web API platform for property and contract management.*

- Simplifies property, owner, and customer management for real estate agencies.
- Centralizes communication between managers, agents, and clients.
- Provides role-based access and secure authentication using JWT.
- Enables property listings, trade history, and contract tracking.
- Built with ASP.NET Core 8, Entity Framework Core, and SQL Server.
- Documented with Swagger / OpenAPI for scalability and integration.

### Task Manager WebApp

*A task management web application built using Razor Pages and EF Core.*

- Supports labels, priorities, due dates, and progress tracking.
- Offers automation-friendly architecture and lightweight design.
- Built for scalability and productivity enhancement.

## Education

**Mathematic Diploma – Alborz High School 2018-2021**

**Computer Engineering – Tehran Azad University 2021-Now**

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## Certifications & Courses

- C# Advanced Programming — Microsoft Learn
  - ASP.NET Core Web API — Udemy
  - SQL Server for Developers — LinkedIn Learning
  - Git & Version Control — GitHub Labs
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## Professional Strengths

- C# Advanced Programming — Microsoft Learn (Self-study)
  - ASP.NET Core Web API — Udemy (In progress)
  - SQL Server for Developers — LinkedIn Learning (Self-study)
  - Git & Version Control — GitHub Skills (Practice-based)
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## Languages

- English — Intermediate (Professional Working Proficiency)
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## Contact

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