

Aya Waheed

Backend Developer (.NET)

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PROFILE

Dedicated and ambitious Backend Developer with a strong passion for building structured, reliable systems. Completed intensive training programs and hands-on projects that strengthened problem-solving and development skills. Seeking an opportunity in a collaborative environment to grow technically and contribute to delivering valuable software solutions.

EDUCATION

Bachelor of Business Administration

2013 – 2017

October 6 University

SKILLS

- Programming Languages : C#, SQL, C++, Java(Basic)
- Backend : ASP.NET Core (MVC, Web API), RESTful APIs, Entity Framework Core, LINQ, Dapper
- Concepts & Principles: OOP, SOLID, Design Patterns (Generic Repository, Unit of Work), Data Structures & Algorithms, Dependency Injection, Client-Side Validation, Security (JWT, Identity)
- Tools & Platforms: Visual Studio, SSMS, Git, GitHub, Postman, Swagger, Redis, IIS

PROJECTS

E-Commerce RESTful API 🔗

- Built a full-featured RESTful API using ASP.NET Core Web API and Onion Architecture.
- Developed modules for Products, Orders, and Payments with CRUD operations and role-based access.
- Utilized Repository & Unit of Work patterns, JWT Authentication, and Redis caching.
- Implemented filtering, sorting, pagination, and search functionality, Documented the API using Swagger and deployed it to IIS.

MVC Web Application 🔗

- Developed a practical web application using ASP.NET Core MVC with 3-Tier Architecture and the Generic Repository Pattern. Created dynamic UI with Views, Layouts, and Partial Views, integrating ASP.NET Identity for authentication. Implemented routing, client-side validation, and dependency injection for a robust application.

Bank Management System 🔗

- Developed a console-based banking system as part of a Programming Fundamentals course. Created modules for Clients, Employees, and Admins with role-based functionality. Applied OOP principles (inheritance, abstraction, encapsulation) and utilized file-based data persistence with custom validation utilities.

COURSES

Backend.NET

11/2024 – 05/2025

Route

Online

Programming Fundamentals Diploma

05/2024 – 10/2024

Route

Online

LANGUAGES

Arabic

Native

English

Intermediate