Arif Abdulla

Baku, Azerbaijan | ✉ arifabdulla034@gmail.com | ☎ 070 353 00 34 | ⬤ github.com/AbdullaArif | in linkedin.com/in/arifabdulla

About Me

Passionate **.NET** Backend Developer with expertise in **C#**, ASP.NET Core, **Entity Framework** Core, and SQL. Experienced in designing scalable REST APIs, optimizing database queries, and implementing onion architecture. Enthusiastic about writing clean, maintainable code and solving complex problems.

Work Experience

Software Instructor   *Crocusoft Academy,Cef Academy Baku*   **Jul 2024 – Ongoing**

- Provided in-depth training on **C#** fundamentals, OOP, SOLID, **design patterns** and backend development.
- Taught **RESTful API** development with ASP.NET Core, JWT authentication, and **EF Core** database integration.
- Guided students in building web applications with **ASP.NET** Core **MVC**
- Conducted **SQL** training: Hands-on sessions on database management, query writing, and optimization techniques.
- Taught **Git**/GitBash/GitHub: Trained in version control, branching, merging, pull requests, and team collaboration.
- Conducted real-world projects and guided students through **problem-solving** techniques.
- Monitored student progress: Tracked performance through daily assignments, quizzes, and practical projects.

Software Engineer   *Turkish Aerospace Industries, Baku*   **Sep 2023 – May 2024**

- Jetson AGX Orin 64 Developer Kit Installation (Linux) and Usage
- Performed Linux-based operations to facilitate seamless integration with unmanned aerial vehicles.
- Dataset Preparation, Classication, and Labeling
- Executed classification and labeling of data for accurate model training.
- Applied data augmentation techniques to enhance dataset quality.
- Modeling and Training Articial Intelligence for Object Detection
- Selected appropriate algorithms and determined their versions for model training.
- Utilized platforms like Google Laboratory, Ultralytics Hub, and Pytorch for effective model training.
- Configured advanced settings for optimized model performance.
- Writing Python Code to Utilize AI Models for Tasks
- Developed Python scripts to implement AI models in practical applications.
- Ensured efficient execution of AI-driven tasks through robust coding practices.
- Integration of Software and Hardware
- Integrated AI models with hardware components for real-world applications.
- Managed the interplay between software and hardware to ensure system reliability and efficiency.

Skills

Backend Development: C#, .NET Core, ASP.NET Core, Entity Framework Core, REST API, MVC, MSSQL
Tools: Git, GitHub, GitBash, SQL Server
Other Skills: Design Patterns, SOLID Principles,LINQ, JWT Authentication, Onion Architecture, CQRS, Python, AI, Js, Html

Characteristic Skills: Analytical Thinking,Problem Solving,Quick decision-making ,Research and Self Learning,Teamwork

Education

Master's Degree in Intelligent Management Operations   *Azerbaijan Technical University*   **2023 – Ongoing**

- Graduating with 91+ GPA and **honors diploma**, specializing in AI-driven optimization, research methodologies, and intelligent systems design.
- Conducted seminars on Engineering Research, Project Management, and Innovative Thinking, while leading the initial design of an electromobility project (requirements, timeline, and execution plan).

Bachelor's Degree in Transport and Logistic Engineering   *Azerbaijan Technical University*   **2019 – 2023**

- Graduated with 81+ GPA, actively participating in volunteer programs, projects, and delivering IT training at Yay Fest.

Projects

Ecommerce API – Scalable E-commerce Backend

- Designed a **Onion** architecture-based e-commerce backend using **ASP.NET Core**.
- Implemented **CQRS** pattern with **MediatR** for scalable and maintainable business logic.
- Developed **JWT**-based authentication with refresh token support.
- Integrated **Redis** caching to optimize query performance and reduce database load. **EF Core**, **MSSQL**
- Implemented structured logging using **Serilog** with support for console and file logs.
- Developed a flexible searching algorithm using expression filtering and pagination.

Wain (MVC)– Car Rental Management System

- Developed a multi-role rental system (Admin, Seller, Buyer) using **ASP.NET** Core and **Entity Framework** Core.
- Implemented JWT-based authentication and role-based authorization.
- Optimized database queries and managed transactional consistency using **MSSQL**.

Certifications and Courses

Backend Oriented Full Stack Developer Diploma   *Code Academy, 2023*

- **.NET Core:** Developed and maintained applications using .NET Core framework.
- Utilized .NET Core for building scalable and high-performance applications.
- Entity Framework Core usage.
- **C# Programming:** Applied C# for developing robust and efficient software solutions.
- Leveraged object-oriented programming principles in C#.
- **HTML, CSS, and JavaScript:** Designed and structured web pages using HTML and styled them with CSS.
- Ensured cross-browser compatibility and responsive design.
- **MSSQL:** Managed databases using Microsoft SQL Server (MSSQL).
- Performed database design, development, and optimization.
- Executed complex queries and stored procedures in MSSQL.
- **Version Control with Git/GitBash/GitHub:** Utilized Git for version control and collaboration.
- Applied GitBash for command-line version control operations.

Languages

Azerbaijani: Native
Turkish: C2 - Proficient
English: Professional Working Proficiency in English