

Ali Mammadov

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Profile

Detail-oriented software developer designing and building **scalable, high-performance applications**. Adept at both independent and collaborative projects with an emphasis on landing page and website development. Specialized in **C#** and **.NET Core**, with expertise in developing efficient **APIs, optimizing system performance**. Prepared for challenges of position and ready to use abilities in communication and problem-solving to meet company goals.

Education

Master of Business Administration (MBA) in Software Engineering at **UNEC** 2024 – 2026

Bachelor of Petroleum Engineering at **BHOS (Baku Higher Oil School)** 2019 – 2024

Skills

C# • Java • .NET Core • ASP.NET Core MVC • Spring Boot • Hibernate • NET Core • Entity Framework • HTML5 • CSS3 • JavaScript • SQL • Rest API • Algorithms and Data structures • CQRS Pattern • System Design & Architecture • SOLID principles • GitLab

Work Experience

► Software Developer

November 2024 - Present

[Azerbaijan Technical University](#), Azerbaijan, Baku

Responsible for enhancing the university's library management system by developing and implementing new features to improve user experience and system functionality • Refactored and optimized existing code to enhance efficiency, maintainability, and performance, reducing system lag by 30%. • Creating new features and functionalities assisted in building reusable code • Contributed to the development of a Restful API which increased data exchange efficiency.

Project:

AzTU Library – [Library Services](#) • Teach Stack: *C#, .NET Core, REST API, PostgreSQL, Google APIs, React.js, Material UI*

AzTU Oral Exam – [\(private local system\)](#) • Teach Stack: *C#, .NET Core, REST API, PostgreSQL*,

► Back-end developer

April 2023 - October 2023

[Crocusoft](#), Azerbaijan, Baku

• Developed RESTful APIs using ASP.NET Web API for efficient data exchange. • Refactor and optimize existing code to improve efficiency, maintainability, and performance. • Integrated databases using SQL Server, MySQL, and Entity Framework • Utilized MediatR (CQRS) for better separation of concerns in application architecture. • Collaborated with front-end teams to enhance user experience and reduce response time

Project:

[Cyberpoint](#) • Teach Stack: *C#, ASP.NET Core MVC, REST API, JavaScript, jQuery, MySQL, CQRS Pattern, Trello, Gitlab*

Languages

• **Azerbaijani** (Native) • **English** (Advanced) • **Turkish** (Fluent)

Achievements

• Developed the backend for [cyberpoint.az](#), which won an award at the Netty Milli İnternet Mükafatı.