

# ABDÜLMALİK KURT

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I have gained experience in the field of software engineering, particularly by working with technologies such as .NET Framework, ASP.NET MVC, MS SQL, and Redis. During both short-term and long-term internships, I undertook tasks in application development, data transfer, and optimization. By utilizing OOP, design patterns, and SOLID principles in my projects, I focused on producing sustainable and scalable solutions.

## Experience

OCTOBER 2024 – NOVEMBER 2024

[Software Engineering Intern / Istanbul Metropolitan Municipality, Istanbul](#)

I participated in development processes for ASP.NET MVC projects. I optimized queries by implementing a caching mechanism with Redis and performed logging operations through log4net integration. I accelerated database operations using MS SQL and Entity Framework. I contributed to projects with both user interface and backend development. Additionally, I developed a real-time polling application with SignalR, enabling instant voting and live result updates. Moreover, I created an AI-powered image generation application. In this project, I utilized a REST API to generate AI-based images from user-provided text and presented the generated images through a user-friendly interface.

OCTOBER 2023 – JANUARY 2024

[Software Engineering Long-Term Intern / Digiturk Bein Media Group, Istanbul](#)

Using .NET Framework, I developed a module for cross-environment data transfer in an in-house application. I created objects containing campaign data and performed data querying and integration operations on MS SQL Server. With the module I developed, I enabled the transfer of campaign information to another environment in compliance with OOP standards. During this project, I gained experience in .NET Framework, API, and database operations.

AUGUST 2023 - OCTOBER 2023

[Software Engineering Intern / Digiturk Bein Media Group, Istanbul](#)

During my internship, I started by working on OOP and SQL-based projects and had the opportunity to gain experience with technologies such as MongoDB, NoSQL, and Docker. In one part of my internship, I designed a form application that converted MySQL code to PL/SQL code, structuring it with design patterns and adhering to SOLID principles.

## Skills

- C# .NET
- C# MVC
- OOP
- REST&SOAP
- MSSQL&POSTGRES SQL
- English (B1)

## Education

2021 - 2024

[Karadeniz Technical University/Trabzon](#)

Software Engineering

Gpa: 3.04

2020 - 2021

[Kırklareli University /Kırklareli](#)

Software Engineering

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# Projects

## AI Image Generator

**TECHNOLOGIES:ASP.NET MVC, C#, REST API, JSON**

In this project, I developed an AI-powered image generation application. I sent user-provided data to an external AI service via a REST API to generate images based on specified criteria. Within the scope of the project, I used the ASP.NET MVC architecture to create a user-friendly interface. I processed image results received from the API in JSON format and presented them to users in real time. Additionally, I added various features to enable sharing and downloading of the generated images.

## REALTIME POLLING APP

**TECHNOLOGIES:C# WEB API, SIGNALR**

I developed a real-time polling application using SignalR. This project allows users to vote instantly and view live updates of the results. Built with ASP.NET Core Web API and SignalR, the application provides an interactive and dynamic polling experience, encouraging active user participation.

## Cineverse

**TECHNOLOGIES:ASP.NET MVC,REDIS,SEQ, SQL**

This project is a web application developed using the MVC (Model-View-Controller) architecture. I built a structure where users can view or manage series content by utilizing technologies such as JavaScript, HTML, CSS, Pug, SCSS, and C#. The goal was to provide a user-friendly experience both visually and functionally.

## MYSQlToPLSQLConverter

**TECHNOLOGIES:C# .NET,MYSQL, PLSQL**

In this project, I developed a C# tool to convert MySQL queries into Oracle's PL/SQL structure. This tool facilitates resolving compatibility issues in database migration or integration projects by adapting MySQL queries to be compatible with PL/SQL.

## CompareXmlWithLinq

**TECHNOLOGIES:C#, LINQ**

This project allows me to compare XML nodes using LINQ. The goal is to effectively compare the structure and values in XML files. This enables me to check the consistency of XML data, compare configuration files, and simplify data synchronization.