

# EMİN EROL

## Back-End Developer

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**Necmettin Erbakan**

**University**; Computer  
Engineering, 2020-2024

## ABOUT ME

I have received training in C, C++, C#, Python, Web-Based Programming, Object-Oriented Programming, Algorithm Analysis, Machine Learning and Image Processing. I develop dynamic websites based on layered architecture using SOLID principles with ASP.NET Core, JavaScript, and jQuery.

## EXPERIENCES

### 1. Intern Software Developer, IGA Istanbul Airport (19.02.2024 – 20.08.2024)

Various projects have been worked on using ASP.NET Core. Database operations and ORM management have been effectively carried out with EF Core. Repository Pattern, Unit of Work, CQRS, and Mediator patterns have been used.

ASP.NET Identity has been utilized for user authentication and authorization. Expertise has been developed in MSSQL database management and performance optimization. Dynamic web interfaces have been developed using JavaScript and jQuery. Additionally, layered software development and management have been carried out using N-Tier architecture.

In Python, work has been done on image processing. A parking automation application that detects vehicles in parking spaces has been developed using OpenCV, Yolo, and PyQt5.

## SKILLS

**Programming Languages:** C#, JavaScript, SQL, Python

**Frameworks ve Techs:** ASP.NET Core, EF Core, ASP.NET Identity, ML, Image Processing

**Databases:** Microsoft SQL Server (MSSQL), MySQL

**Structures and Architectures:** OOP, Design Patterns, SOLID principals, NLayer Architecture, MVC

**Frontend Techs:** HTML5, CSS3, Bootstrap, JavaScript, jQuery

**Languages:** English; Pre-Intermediate

## CERTIFICATES

- EFSET ENGLISH CERTIFICATE (B2 Upper Intermediate)

## REFERENCES

- Faruk ADİLOĞLU, **R&D Center Manager** | IGA (+90 549 791 68 44)
- Furkan Aydın, **Software Developer** | IGA (+90 501 753 90 15)