

Hayrettin DAL

Full Stack .NET Engineer

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PROFESSIONAL SUMMARY

Software Engineer specializing in Modern Web Technologies (Next.js, .NET Core 8) and Microservices Architectures. Experienced in modernizing legacy systems, database optimization, and managing high-traffic systems in Kubernetes environments. Proven track record in the defense industry (ASELSAN projects) and digital archive solutions, with a strong ability to solve complex problems and adapt quickly to layered architecture disciplines.

PROFESSIONAL EXPERIENCE

Dijital Arşiv Belge Bilgi Teknolojileri A.Ş | Istanbul, Turkey **Full Stack Software Developer** | 03/2025 – 09/2025

- Developed an end-to-end modern video editing module using **Next.js 14** and **.NET Core**, successfully modernizing a legacy ASPX system.
- Increased system stability by resolving over 10 critical infrastructure errors in **Kubernetes** and repairing 5 core modules.
- Resolved user issues in the legacy system using instant **MS SQL** queries and distributing hotfixes via IIS.
- Increased face recognition accuracy from 40% to **70-80%** by developing a data automation tool using **Python** and **OpenCV**.
- Customized a **YOLO model** for **ASELSAN** to detect specific tank classes, achieving an **80% detection accuracy**.
- Documented application architecture and data flows to facilitate technical knowledge transfer within the team.

SLITS Consulting | Istanbul, Turkey **Software Developer (.NET Intern)** | 08/2024 – 10/2024

- Built an E-Commerce Web API infrastructure using ASP.NET Core Web API.
- Implemented Rate Limiting and Caching mechanisms to optimize performance.
- Secured the application using JWT (JSON Web Token) authorization.
- Created comprehensive API documentation using Swagger and Postman.
- Gained practical experience in software development lifecycles (SDLC) and agile teamwork.

Bilet11.com | Istanbul, Turkey **Computer Programmer Intern** | 06/2019 – 08/2019

- Developed an internal department management panel using .NET Framework and MVC.
- Streamlined office workflows and enabled efficient management of internal departments through the new panel.

AKINSOFT Marmara Regional Office - RTS Bilgisayar | Istanbul, Turkey **Web Front-End Developer Intern** | 09/2016 – 06/2017

- Contributed to the integration of new modules for the Wolvox ERP-CRM system based on specific customer requirements.
- Developed responsive UI components including login pages, registration screens, and dynamic invoice tables using HTML, CSS, and JavaScript.
- Collaborated with the technical team to deliver user-friendly interfaces and ensure project objectives were met.

EDUCATION

Düzce University | Düzce, Turkey **B.Sc. in Computer Engineering** | 09/2021 – 01/2025

Istanbul University-Cerrahpaşa | Istanbul, Turkey **A.S. in Computer Programming** | 09/2018 – 06/2020

Şişli Vocational and Technical Anatolian High School | Istanbul, Turkey **Information Technologies (Web Design & Programming)** | 09/2013 – 06/2017

TECHNICAL SKILLS

- **Backend & Core:** C#, .NET Core (.NET 6/7/8), ASP.NET Web API, Entity Framework Core, LINQ, ADO.NET.
- **Frontend:** JavaScript, React.js, Next.js (App Router), HTML5, CSS3, Bootstrap, Tailwind CSS.
- **Database:** MS SQL Server (T-SQL), PostgreSQL, MySQL, MongoDB, Redis (Caching).
- **DevOps & Tools:** Git, GitHub, Docker, Kubernetes, Jenkins, Postman, Swagger/OpenAPI.
- **Architecture & Principles:** OOP, SOLID, Clean Architecture, Domain-Driven Design (DDD), Microservices, Design Patterns.
- **Languages:** Turkish (Native), English (Intermediate - B1).

CERTIFICATES & TRAINING

- **FullStack E-Commerce Project with .NET 9 & React** - Udemy (08/2025)
- **C# Intermediate** - SoloLearn (12/2024)
- **SQL Intermediate** - SoloLearn (12/2024)
- **Asp.Net Core Web API** - BTK Academy (10/2024)
- **Version Control: Git and GitHub** - BTK Academy (03/2024)
- **Learn C# by Building Apps: A to Z** - Udemy (07/2022)

AREAS OF INTEREST

System Design, High-Performance Systems, Microservices Architecture, Cloud Native Technologies, FinTech, and AI-Powered Application Development.