

Hayrettin DAL

Software Engineer

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PROFESSIONAL SUMMARY

I am a Computer Engineer with 6+ years of software development experience, specializing in C# and API development. I have worked with .NET Core, PostgreSQL, Natural Language Processing (NLP), and Deep Learning. My primary goal is to advance in payment systems development by leveraging my technical expertise and strong problem-solving skills.

EXPERIENCE

Software Developer Intern - .NET Core

LITS Consulting, Istanbul, Turkey

Aug 2024 – Oct 2024 (2 months)

- Developed an E-Commerce Web API using ASP.NET Core.
- Implemented rate limiting and caching mechanisms.
- Created API documentation with Swagger and tested using Postman.
- Integrated JWT authentication for secure access.
- Gained hands-on experience in software development processes and teamwork.

Software Developer Intern – ASP.NET

Bilet11.com, Istanbul, Turkey

Jun 2019 – Aug 2019 (2 months)

- Contributed to the development of Bilet11.com by creating an internal management panel using .NET Framework and MVC.
- Enhanced workflow efficiency through effective data management solutions.

Web Front-End Developer Intern

AKINSOFT Marmara Regional Office - RTS Bilgisayar, Istanbul, Turkey

Sep 2016 – Dec 2017 (10 months)

- Assisted in adding modules to the Wolvox ERP-CRM system based on customer requirements.

- Developed UI components such as login pages, registration screens, tables, and invoices using HTML, CSS, and JavaScript.
- Collaborated with the team to deliver user-friendly interfaces and meet project objectives.

PROJECTS

bsStoreApp - [GitHub Link](#)

- Developed an e-commerce backend API using ASP.NET Core.
- Implemented features such as rate limiting, caching, and JWT authentication.
- Documented the API with Swagger for easy integration and testing.

ShopDotnetCore - [GitHub Link](#)

- Built a scalable shop web application using .NET Core.
- Focused on clean code principles and modular design to ensure maintainability.
- Integrated modern development practices to deliver a robust online shopping experience.

EDUCATION

Bachelor of Science in Computer Engineering

Düzce University, Düzce, Turkey

Sep 2021 – Jan 2025

Associate Degree in Computer Programming

Istanbul University-Cerrahpaşa, Istanbul, Turkey

Sep 2018 – Jun 2020

High School – Web Design and Programming

Şişli Technical & Vocational High School, Istanbul, Turkey

Sep 2013 – Jun 2017

SKILLS

- **Programming Languages:** C#, Python, JavaScript
- **Backend Technologies:** .NET Core, ASP.NET MVC, ASP.NET Web API, Entity Framework Core
- **Databases:** PostgreSQL, Microsoft SQL Server, MySQL, MongoDB
- **Frontend & Tools:** HTML, CSS, Bootstrap, Git, GitHub, Visual Studio, Postman
- **Development Methodologies:** Agile Scrum, Domain-Driven Design (DDD), Microservices, SOLID, Clean Code, Design Patterns

CERTIFICATIONS

- C# Intermediate – SOLOLEARN (Dec 2024)
- SQL Intermediate – SOLOLEARN (Dec 2024)
- ASP.NET Core Web API – BTK Akademi (Oct 2024)
- Git & GitHub Version Control – BTK Akademi (Mar 2024)
- C# Development Course – Udemy (Jul 2022)

INTERESTS

I am passionate about Natural Language Processing (NLP), Artificial Intelligence (AI), Deep Learning, and Machine Learning. I continuously follow emerging technologies and advancements in these areas.