

Serhat Durduran, Full Stack Developer

Mersin, Türkiye, 5061712133, durduranserhat@gmail.com

Date of birth 21.03.2000 Driving License B2

Summary

I started my software development journey 5 years ago and during this process, especially in the last 3 years, I have taken an active role in professional projects. I have extensive knowledge and experience in areas such as backend development, frontend, database management and software architecture. I have developed myself in all layers of software by working with different technologies. As a developer who is prone to teamwork, solution-oriented and open to learning; I prioritize both following new technologies and producing quality, sustainable software.

Work Experience

Aug 2024 - Present Full Stack Developer, BioCoder Teknoloji A.Ş. Mersin

Aug 2022 - Aug 2023 Software Developer, Kirklareli University (Part-Time) Kirklareli

Jun 2023 - Aug 2023 Full Stack Developer, BioCoder Technology Inc. (Internship) Mersin

Jul 2022 - Aug 2022 Software Developer, Tarsus University (Internship) Mersin

Jun 2021 - Present Full Stack Developer (Freelance) Mersin, Kirklareli

Education

Sep 2020 - Jul 2025 Software Engineering, Kirklareli University (3.18)

Skills

ASP.NET	Experienced	PostgreSQL	Experienced
SQL	Experienced	MySQL	Experienced
Python	Experienced	PHP	Experienced
C#	Experienced	Git	Experienced
Microsoft Azure	Experienced	Google Cloud	Experienced
Microsoft Office	Experienced	Javascript	Experienced
HTML	Expert	CSS	Experienced
Java	Beginner	Application Server	Experienced
Rabbit MQ	Experienced	Shopify	Beginner
MQTT	Experienced	Docker	Beginner

Languages

Turkish	Native Speaker	English	Basic
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Courses

Dec 2022 GIT101 Introduction to GIT, Özgür Yazılım A.Ş.

Dec 2022 SD900 Software Life Cycle SDLC, Özgür Yazılım A.Ş.

Apr 2022 C#, BTK Academy

Links

[Linkedin](#)

[Github](#)

Projects

Nov 2023 - Feb
2024

Company Tracking System

This project is a comprehensive tracking system that allows a company to centrally manage its internal processes. The system gathers many operational processes such as job tracking, accounting transactions, sales processes, complaint management and commercial activities on a single platform.

Role-based access control is provided with the authorization mechanism, thus allowing users to access only data related to their areas of responsibility. While the backend structure developed with ASP.NET Core provides a secure and scalable architecture, data integrity and performance are targeted with the MSSQL database. On the interface side, a user-friendly, responsive design was created using Bootstrap.

Dec 2023 - Jan
2024

Project Client Team

Project Client Team is a web-based application developed to facilitate internal communication and collaboration processes of project teams. With this system, team members can share files, send messages in real time and plan meetings.

The project is built on a secure and modular backend architecture with ASP.NET Core; a strong data structure was created using PostgreSQL. The user interface designed with Bootstrap was developed to be both modern and responsive. The system also provides access control according to user roles and offers an integrated messaging infrastructure to increase interaction within the team.

Aug 2024 - Present

BioCoder Technology Inc. Projects

I worked as a full-stack developer in the company. I took an active role in both frontend and backend development processes in ASP.NET Core based projects. In the projects I developed, I worked on onion architecture, MSSQL database, responsive interface development with Bootstrap, layered architecture, API design and user authorization. I also managed processes such as database modeling, performance optimization, testing and maintenance.

Projects I contributed to:

- **Hive Tracking System:** A management system with hive-based record keeping and analysis features that allows beekeeping activities to be tracked in a digital environment.
- **GSM Datalogger Project:** A system that collects temperature, humidity and GPS data from devices communicating with the GSM module and instantly tracks and analyzes this data.
- **Portal System:** A management panel that works with user-based sessions, monitors temperature and humidity values in environments, and offers notification and reporting features.
- **Heat Map Project:** A web-based analysis tool where collected temperature data is visualized and converted into a heat map.
- **Flora Project:** It is a system that shows the cities where honey and plant species are found in Türkiye and aims to help the agricultural sector.
- **Gas Tracking Project:** Control and reporting panel for monitoring and analyzing gas usage and consumption in industrial environments.
- **Company Website – Backend Integration:** Integration of background services that provide content management and user interaction to the company showcase website.

Through these projects, I gained experience in end-to-end software development processes on both the client side (UI) and server side (data and business logic). I developed strong competence in real-time data processing, IoT integrations and user-centered design.

Aug 2022 - Aug
2023

Kirklareli University Project

I worked as a part-time student in the software team at Kirklareli University. I took an active role in both frontend and backend development processes in web-based projects developed within the university.

In the projects, user-friendly, responsive and functional systems were developed using PHP-based CodeIgniter framework, MySQL database and Bootstrap. My duties included design of user interfaces, database operations, module development and system tests. This process provided me with significant experience in working within a team, version control and producing software solutions for university needs.