

BATUHAN DEMİR

BACKEND DEVELOPER

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EDUCATION

Süleyman Demirel University

Department of
Computer Engineering
2023 - Present

Lodz University of Technology

Computer Science
2024 - 2025

EXPERIENCES

Internship - Arjeta Bilişim

Backend Development
&
Cyber Security
2025 Summer

Software Developer - Xlog

Backend & Network
Development
2025 - Present

SKILLS

- Algorithm
- Team Work
- C#
- Arduino
- Node.JS
- Python
- Backend
- React
- React Native
- MongoDB
- AWS

ABOUT ME

Once upon a time, the creative instinct in me allowed me to step into the magical world of software. While creating my own website at my primary school years, I launched my first desktop application at secondary school. This passion has always led me to keep me up to date. In the first year of my university education, at the age of 18, I started a Teknofest project and continued my mobile application development journey and in the second year I took my education in Poland and found many opportunities to learn new things and create projects. Now, I am working in a company and doing freelance jobs at the same time.

PROJECTS

• COMPUTER LOCK SYSTEM VIA PHONE

2019

In middle school, I created my first application by flipping my phone upside down to easily lock my computer. To make this happen, I used C#, PHP, and MIT App Inventor to create a connection between my computer and phone.

• UMESKO ONLINE DATABASE

2021

Umesko, a local social aid organization, faced some issues with their written documentation. To solve this problem, I developed an online application for them.

URL: <http://umesko.vercel.app>

• MANAGE AGRICULTURE FOR YOUR FUTURE: SMART AGRICULTURE PROJECT

2022

My project aims to prevent unnecessary resource usage and ensure optimal conditions in agriculture. I achieved this by utilizing ESP8266, temperature/humidity/light sensors, NodeJS, and MongoDB. I even had the opportunity to present it at a student congress! Check out the video at: https://youtu.be/qJpHe3u_HFU

• BORIS BOT

2023

I had the honor of designing the first-ever non-business WhatsApp bot in Turkey. Using NodeJS, I developed a bot to assist with entertainment, group management, and daily life tips.

To access the bot, please visit <https://borisbot.net>

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LANGUAGES

- Turkish
- English

• PANOPTIS - TEKNOFEST

2024

We formed a team called Panoptis with my friends and participated in the Teknofest competition, which is a prestigious competition in our country, in the field of "Artificial Intelligence in Transportation". We made it to the final round. In this project, I contributed to my team by providing location tracking over the image and an building automatic labelling system for the dataset (similar to Roboflow)

• HUMANITARIAN AID COORDINATION SYSTEM

2025

During my education in Poland, we did a project to provide coordination for people in case of a disaster. I managed the group of 14 people and took responsibility for authentication, database operations, real-time communication and localisation.

• SUT AKADEMI

2025

Together with two of my friends, we developed a user platform as a commercial project for a client, a pharmacy organization called Sut Akademi. The platform enables them to offer courses to their users and carry out prescription reviews and evaluations. In this project, I was responsible for team management and backend development.

URL: <https://sutakademi.com>

• HERA - FUZE

2025

We formed a new team called Hera with my friends and participated in the Fuze competition, which included an ideathon and hackathon on artificial intelligence. I was responsible for leading, presenting, developing an artificial intelligence model and backend. We came first and won an Erasmus internship.

Check out the certificate: <https://bdemir.net/fuze.jpg>

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- **INHSC**

2025

My university (SDU) hosted "4th International Health Services Congress (INHSC)" this year and I was responsible for designing the website for the congress. You can check the website and find my name in the footer and also in the "Committess" page: <https://inshsc.sdu.edu.tr> (A Turkish VPN might be required)

- **UKOK**

2025

My university also hosted a chemistry congress this year and I was responsible for the website again. You can check the website: <https://ukok2026.sdu.edu.tr>

- **MY INTERNSHIP**

2025 Summer

I completed my internship in a cyber security company. I learned important information about networks and how they work. They also gave us tasks and research to complete. Our final project was a website for online file transferring. I finished it in 2 days of our 21 days of internship and then I made 2 extra different projects for them while others were trying to finish the first project. Then, they offered me to work with them before my internship was over.

- **MY WORKING EXPERIENCE**

2025 - Present

I started working at a company under the company where I did my internship. I am currently developing the backend of a firewall device with Go and Linux. I am learning a lot of things about the networks, packets and their security. Until now, I added special integrations for the hotspots, device type and licence controls, remote software update features, nftables and mwan3 rule configurations for firewall and policy based rules.

REFERANCES

Mesut BAKAR

General Secretary of Kumluca Ticaret ve Sanayi Odası

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