

Sevgi Nur Öksüz

Computer Engineering Department Student

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🎓 Education

Bachelor's Degree / Computer Science

<https://www.btu.edu.tr/>

09/2021 – present

Bursa, Türkiye

📁 Projects

Focusgarden ✍

02/2025 – 06/2025

Pomodoro productivity app that grows a virtual flower garden; built with **React Native (TypeScript/Expo)**, **Convex** backend (serverless/real-time), **Google Sign-In**, local notifications, and **white-noise audio**.

Arduino Smart Car ✍

02/2025 – 05/2025

Arduino-based autonomous smart car that detects obstacles with an **HC-SR04 ultrasonic sensor** and changes direction accordingly. Built on **Arduino Uno** with an **L298N motor driver**, programmed in **C++ (Arduino IDE)**.

Aws Wp Scalable Architecture ✍

02/2025 – 06/2025

Multi-AZ WordPress architecture on AWS: CDN-accelerated, WAF-protected, autoscaled compute, RDS database, shared EFS storage—fast, secure, resilient.

Dockerized Node.js Application ✍

Implemented **Docker containerization** for a **Node.js application**, optimizing deployment and scalability. Gained experience in **cloud computing**, **DevOps**, and **microservices architecture**.

Zenity Envantory System ✍

Designed and developed a **Bash-based inventory management system** with a graphical user interface using **Linux Zenity**. Focused on **automation**, **scripting**, and **system management**.

FaceFacts ✍

(Project Lead)


Led the development of a platform analyzing cosmetic product ingredients. Managed the project workflow, prepared necessary reports, and contributed to **front-end development** and **chatbot integration** using **React.js**.

Kahoot App ✍

Kahoot-style real-time quiz app with JWT auth, quiz creation/hosting, and live leaderboards—built with Node.js, Express, MongoDB, EJS, and Socket.io ✍.

Professional Experience

Türkiye Vakıflar Bankası T. A. O.


long term internship 

Developing a Credit Calculation Web App (Angular, .NET Core, MS SQL) with amortization, product-based logic, and logging features.

10/2025 – Present

İstanbul, Türkiye

Ergin Makine


volunteer internship 

Developing a Flutter-based mobile warehouse management app integrated with the company's ERP—inventory listing, barcode-based dispatch, secure login, and offline sync. Responsible for ERP integration design and scenario-based testing.

08/2025 – 09/2025

Bursa, Türkiye

İPazaar Bilişim A.Ş.


internship 

I automated business processes and optimized data synchronization by integrating IMS with ERP system.

07/2024 – 09/2024

İstanbul, Türkiye

Basic Javascript Education


volunteer training 

I took part as an instructor in the basic javascript training in the two-day training/workshop organized by Bursa Technical University Informatics and Coding Community.

12/2023 – 12/2023

Bursa, Türkiye

Mert Software & Electronics, Bursa Bilişim Topluluğu

NightWatch Hackaton 

In this 48-hour hackathon, we developed our "Analysis and Prediction with Energy Analyzer Data" project with data from Nightwatch..

11/2023 – 11/2023

Bursa, Türkiye

Bursa Technical University Information Technology Department

part time

Installation of computer laboratories in the university, installation and formatting of new devices.

11/2021 – 07/2022

Bursa, Türkiye