

# Sevgi Nur Öksüz

## Computer Engineering Department Student

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 <https://medium.com/@sevginuroksuz>

### 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

<b>Türkiye Vakıflar Bankası T. A. O.</b> <i>long term internship</i>	10/2025 – Present İstanbul, Türkiye
<b>Developing a Credit Calculation Web App</b> (Angular, .NET Core, MS SQL) with amortization, product-based logic, and logging features.	
 <b>Ergin Makine</b> <i>volunteer internship</i>	08/2025 – 09/2025 Bursa, Türkiye
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.	
 <b>IPazaar Bilişim A.Ş.</b> <i>internship</i>	07/2024 – 09/2024 İstanbul, Türkiye
I automated business processes and optimized data synchronization by integrating IMS with ERP system.	
 <b>Basic Javascript Education</b> <i>volunteer training</i>	12/2023 – 12/2023 Bursa, Türkiye
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.	
 <b>Mert Software &amp; Electronics, Bursa Bilişim Topluluğu</b> <i>NightWatch Hackathon</i>	11/2023 – 11/2023 Bursa, Türkiye
In this 48-hour hackathon, we developed our "Analysis and Prediction with Energy Analyzer Data" project with data from Nightwatch..	
 <b>Bursa Technical University Information Technology Department</b> <i>part time</i>	11/2021 – 07/2022 Bursa, Türkiye
Installation of computer laboratories in the university, installation and formatting of new devices.	