

İHSAN ERDEM AYCAN

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📍 Ankara

ELECTRICAL-ELECTRONICS ENGINEER

Eager to contribute to the field of Software Development specifically Full-Stack Web Development. I have accumulated experience as a Software Engineer throughout personal projects, internships, coursework and university studies

EDUCATION

Başkent University
Electrical-Electronics Engineering
2019-2024

LANGUAGE

English
Native/Bilingual Proficiency

WORK EXPERIENCE

Lotec
August - September
2022

Intern

In LOTEK i mainly worked with electronics and embedded systems, i was given the task to build a programmable digital clock from scratch. Which I built using 7 segment displays, an STM32f417VG MCU and the circuitry necessary to use the MCU and drive the displays.

Infodif
August - September
2022

Intern

At Infodif i had the opportunity to learn how to design GUIs using QT and C++. My experience there allowed me to discover my interests towards developing software that people will directly be able to interact with which was critical for me as i decided this was what i wanted to do for a living.

PROJECTS

Gold Management System

Web app for recording jewelers' inventory, online sales, and order tracking
ReactJS | SQLite | Quarkus

Golang Interview Bot

Developed a Discord bot for automating the interview®istration process for 20,000+ users, logging 13,000 entries.
Golang | SQLite | CI/CD w/Github Actions

Document Extractor

Developed a program which extracted a document sized A4, from any given surface/background.
Python | OpenCV

Smart Shopping Cart

Developed a system for preventing shopping cart theft which notified store workers when the cart left the desired area, upto 500 meters
C++ | UWB | STM32

To-Do List

Developed a simple webAPP that allowed users to add/remove/update their daily tasks.
ReactJS | Typescript

Event Organizer

Participated in development of a web-app for organizing and joining events.
ReactJS | NextJS | Storybook

SKILLS

- ReactJS
- Git
- NextJS
- QT
- ShadCN.ui
- Tailwind
- Github&Gitlab
- Golang
- C
- C++
- Typescript
- Javascript