Emre Kalaycı

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SUMMARY

During my uni years, I developed projects across many different fields. Initially, it took me some time to find my preferred domain. Eventually, I discovered a strong interest in embedded software, a field that connects with my childhood experiences of working with electronic, and repair tasks. This background provided a solid foundation for my current focus on embedded software development. I am currently developing projects with various stm32 microcontrollers

Education

Bachelor of Engineering - **Computer Engineering**   2018 - 2024
Ahi Evran University   Kirsehir, Turkey
GPA: 3.05/4.0

Work and Project Experience

STM32 Projects
STM32F407 Driver Development "Writing Driver files with ARM Cortex - M4 based microcontroller"

Night Light Control With Voice Recognition
- Project
A voice-activated light switch using Arduino, with a built-in microphone
for audio signal capture and a pretrained model for command recognition "Yes" for on, "No" for off
(Arduino Uno, Speech recognition, Speech to text (STT))

Personel Website
- github
This project is a personal blog created using Next.js and Tailwind, also blog posts on the home page are written in md format
(Tailwind CSS, TypeScript, React.js, Next.js)

Teknoopak
- Freelance Project — Web App Mobile App   *(Remote)*
Teknoopak is a company that provides ERP software, e-Invoice, digital supports and solutions
from production to finance for businesses, in this study, Teknoopak company has worked
on both web and mobile software issues.
(HTML, CSS, Javascript, React Native, RestAPI, Node.js, MongoDB, Stripe)

Full Stack Web Developer   *Kirsehir, Turkiye*
- Freelance   *Aug 2020 - May 2022*
Working on projects involving local catalog web pages, personal blog sites, and e-commerce applications,
(HTML, CSS, JavaScript, WordPress, WooCommerce)

SKILLS & INTERESTS

Programming: *C, Python, JavaScript*

Development Environments:
VSCode, Vim, STM32Cube IDE, Atollic TrueSTUDIO.

CI/CD & Project Management: *Git*

Other Skills:
HTML, CSS, JS, TypeScript, React, Next.js, UI/UX
Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Py-Torch, OpenAI API, Llama3, Mixtral 8x7B
Linux, Networking

Community

Ahi Evran University Cyber Security
Dec 2020 - May 2023