

BİLGE KÖŞE

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SUMMARY

Mechatronics Engineer with a strong foundation in software development, control systems, and automation. Experienced in designing and implementing solutions in diverse fields, including robotics, automotive, and front-end development. Proficient in React.js, JavaScript, and modern front-end technologies, with a keen interest in improving user experience and optimizing code performance. Known for analytical problem-solving skills, adaptability to new technologies, and a passion for continuous learning. Seeking to contribute to innovative projects in a dynamic and forward-thinking environment.

WORK EXPERIENCE

Toyota

Mersin, Turkey

June. 2020

- A 30-day internship was held at Toyota, a Japanese brand inspired by its working principles and layouts.
- Worked on the software, parts drawings and maintenance of the cars.
- Drawing programs such as SolidWorks, AutoCad, Siemens NX, Catia were used.
- Gained in-depth knowledge of car parts and their functions.

Yapı Kredi Technology

İstanbul, Turkey

Nov. 2023 – Sep. 2024

- Developed and maintained user interfaces using React.js and related libraries.
- Actively participated in the design and development of software architecture.
- Followed best practices to improve the performance and readability of the code.
- Gained experience in API integrations and data management processes.

EDUCATION

Necmettin Erbakan University

Konya, Turkey

Sep. 2018 - July. 2022

Engineer of Mechatronics

BOOTCAMP

Ctrl+ Future

Turkey

July. 2023 – Sep. 2023

HONORS & AWARDS

LOCAL

Istanbul, Turkey

2014 YGA (Young Guru Academy), Creativity Award

PROJECT

Konya, Turkey

Sep. 2020 - June. 2022

Balance Robot

- The graduation project at the university covers from the 5th semester to the 8th semester.
- 5-6. Between the semesters, the mathematical model was created and the study was tested in MATLAB and ROS environment.
- 7-8. Using the STM32F103 microprocessor controller between the halves, the balance control of the robot was coded in the CubeIDE environment and the system worked.

Other Projects

- You can click on my GitHub link to view other projects ([Github](#))

Technical Skills

- Programming Languages: JavaScript, Python, C++, C, C#
- Front-End Development: React.js, Vue.js, HTML, CSS
- Software & Tools: MATLAB, ROS, SolidWorks, AutoCAD, Siemens NX, Catia, Git, GitHub
- Control Systems: PID, LQR Controllers, PLC Automation