BAHADIR CAN

Software Engineer │ Former Web Dev │ Computer Vision

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Summary

Former full-stack web developer, currently working in computer vision and robotics fields. My specialties include in-depth analysis and quick comprehension of codebases and new frameworks. I work with deploy first, perfect later strategy.

Skills

Web/Web3 Development · API Development · Autonomous Navigation and Mapping · Sensor Fusion · Machine Learning Methods · Computer Vision · Edge Device Optimizations · Quick Code Comprehension · Software Optimization · Clean Code

Experience

Çözüm Makina
Istanbul, Turkey
Software Engineer
03/2024 - Present
- Developed realtime object detection and object segmentation modules for an embedded camera device with RKNN chipset.
- Designed and implemented an RTLS software for trucks and vehicles in a harbor using existing CCTV cameras.
- Worked on a project for autonomous navigation of a biped robot. Got experience on deep learning methods and SLAM algorithms.

Freelance (Self employed)
Istanbul, Turkey
Full Stack Web Developer
06/2023 - 02/2024
- Worked on various projects on Web and Web3 fields.
- While focusing on UI/UX design, got experienced in backend development using "MERN" tech stack.
- Gradually migrated to Next.js for better SEO performance and gained knowledge in both 14th and 15th versions.

Broad
Istanbul, Turkey
Lead Software Engineer
03/2023 - 05/2023
- Developed software modules for a mobile application on hitchhiking and car-sharing.
- Gained experience with many APIs including Google's Geolocation API and Places API.

ARGETURK
Istanbul, Turkey
Software Developer Intern
06/2021 - 09/2021
- Worked on a defect and anomaly detection project for manufactured printed circuit boards (PCBs) that move on conveyor belt using traditional computer vision methods.
- Designed and implemented multiple transform and template matching algorithms.
- Developed a tool to render GERBER files, normally used in PCB design phase, into image formats.

Education

Yıldız Teknik Üniversitesi
Istanbul, Turkey
Bachelor of Mechatronics Engineering
2018 - 2025

Key Accomplishments

Search and Rescue Multicopter
Got sponsored by TÜBİTAK for an indoor quadcopter aerial drone project to be used in search & rescue missions.

C ve Sistem Programcıları Derneği
Completed the "C Programming Language" course by Necati Ergin

ETHGlobal Istanbul
Participated in the event and the hackathon.

Languages

Turkish — Native ●●●●●

English — Native ●●●●●