ÖZKAN YILDIZ

Computer Engineering Student

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ABOUT ME

As a Computer Engineering student at Düzce University, I am the Software Team Leader for the Kasırga SİHA (UAV) team, specializing in autonomous systems and AI.

My primary focus is architecting and developing the complete autonomous software stack, leveraging open-source ecosystems like ROS2 Foxy exclusively on Ubuntu. I lead the integration of maintainable, well-tested Python (and C++) code for real-time machine learning and computer vision (YOLO, OpenCV) to solve complex challenges in autonomous target tracking. This self-taught role demonstrates my drive to build high-quality, reliable systems on Linux platforms.

EDUCATION

2024- Present	**Düzce University- Computer Engineering (english) 2nd grade**
2023- 2024	**Düzce Hakime Erciyes School of Foreign Languages - English**
2022 - 2022	**Instituto Politécnico de Santarém Portugal (Erasmus)**
2018- 2022	**Kanuni Vocational and Technical High School (Kanuni Mesleki ve Teknik Anadolu Lisesi)**

EXPERIENCES

2025-Present	**Software Team Leader | Kasırga SİHA (University Club)** Serving as the Software Team Captain for the Kasırga SİHA (UAV) university club, leading the development of autonomous flight software and system integration.

PROJECTS

2023-2024 Python	**Word App** An application to help me track unknown English words. The app has four main features: My lists, translation, practicing and grammar correction:
2024 - 2024 Python	**Ai-Powered Translation** This is an AI-powered translation and OCR (Optical Character Recognition) application. The application allows users to translate texts, ask questions to the AI, and extract text from images. I used Google Gemini Apı ın order to use Ai. It is developed for education
2024 - 2025 Html Css Javascript	**Personal Portfolio Website** My personal website. I created it to develop my front-end and back-end skills. I learned a lot about web programming. You can find everything about me, including my projects and certificates.

LANGUAGES

- Turkish – Native
- English – B2 (Upper-Intermediate)

SKILLS

- Python
- C++
- Git-Github
- Linux
- Wordpress
- Html CSS Js
- Ros2
- MS Office

CERTIFICATES

I I've gathered all my certificates in this link.

LINKS

- Portfolio
- LinkedIin
- Github