



YİĞİT TİLAVER

Nationality: Turkish **Date of birth:** 01/01/2001 **Gender:** Male

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ABOUT ME

AI & Software Developer with a strong analytical engineering background, passionate about developing innovative solutions with hands-on experience in computer vision, full-stack development, and workflow automation.

Driven to continuously enhance my technical skills in AI and create impactful, data-driven technologies for the industry.

JOB

- **Software Developer - D7 Tech**
 - Developed a data-driven 3D digital twin web interface by analyzing core business needs.
 - Engineered an AprilTag-based computer vision pipeline for camera and ASV pose estimation.
 - Deployed project architectures to cloud environments.
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- **Integration & AI Training Specialist - Mindhunters AI**
 - Architected automated operational workflows via n8n, tracking and coordinating projects to ensure alignment on deliverables, timelines, and business unit requirements.
 - Managed a comprehensive localization pipeline, successfully translating and integrating the corporate platform into 14 different languages.

EDUCATION AND TRAINING

- Bachelor's degree, Ship and Marine Technology Engineering
- **Istanbul Technical University** City: İSTANBUL | Country: Türkiye
- Open Education Student - Computer Programming
- **Anadolu University** City: Eskişehir | Country: Türkiye
- Erasmus+ Student Exchange Program
- **Universitat Politècnica de Catalunya · Barcelona Tech - UPC** | City: Barcelona | Country: Spain
- Sales Sport Engineer Intern
- **Bulutlu Marine** | City: İstanbul | Country: Türkiye
- Production Engineering Specialist Intern
- **Bilgin Yachts** | City: İstanbul | Country: Türkiye
- Design and Project Engineer Intern
- **ART Shipyard** | City: İstanbul | Country: Türkiye

GITHUB PROJECTS

Professional Swing Trading System

- AI Swing Trader: Modular algorithmic trading system featuring multi-factor signals, XGBoost-based prediction, SHAP explainability, ATR risk engines, and LLM-powered analytics using Python, Event-Driven Architecture, and GenAI.
- Link: https://github.com/Yigit033/swing_trade

Enterprise PPE Detection SaaS System

- SmartSafe AI provides real-time industrial PPE detection using YOLO, OpenCV, FFmpeg, Python, SQL, Docker, and Modern FullStack Tools.
- Link: <https://github.com/Yigit033/SmartSafe-PPE-Detection>

Insurance Automation System

- An AI- and OCR-powered system that automates document management in the insurance industry, processes data in real time, and integrates with enterprise systems via API.
- Link: <https://github.com/Yigit033/insurance-automation-system>

TaskFlow Automation System

- Engineered a comprehensive task and workflow management system to streamline complex operational pipelines. Developed utilizing Next.js, Python, and Supabase, integrating scalable backend services and agent workflows for automated process handling
- Link: <https://github.com/reklamciyildiz/taskflow>

YouTube Video Automation Pipeline

- Developed a multi-step, fully automated video production pipeline for cinematic historical channels. The system autonomously handles LLM-powered script generation, visual asset workflows, and final rendering utilizing Python, FFmpeg, and API integrations.
- Link: https://github.com/Yigit033/youtube_video_automation

And for more => <https://github.com/Yigit033?tab=repositories>

SKILLS

- Python
- Machine Learning
- Data Science
- Data Analysis & Visualization
- Large Language Models (LLMs)
- Google Cloud Platform
- Git (GitHub / GitLab)
- Full Stack Tech

LANGUAGES

- Mother tongue(s): Turkish
- English (Fluent)

CERTIFICATES

Miuul certified Python Programming for Data Science

- <https://learning.miuul.com/certificates/qiakilvn2r>

BTK Akademi certified Veri Bilimi için Python ve Tensorflow

- <https://www.btkakademi.gov.tr/portal/certificates>

Miuul certified Microsoft Azure Fundamentals

- <https://learning.miuul.com/certificates/pp9flrjpf8>

Miuul certified Machine Learning

- <https://learning.miuul.com/certificates/gjsxdwtg8g>

Turkcell certified Veri Bilimi ve Yapay Zekaya Giriş

- <https://gelecegiyazanlar.turkcell.com.tr/certificate/dWlkMjc4ODIyY2lkNTQ2cWlkMTA1ZW5k>

Technology and Innovation

- https://media.licdn.com/dms/document/media/D4D1FAQFEwKH0TjZXpg/feedshare-document-pdf-analyzed/0/1683557153289?e=1695859200&v=beta&t=rj-I7ipNEFP7WZWcS_fgC7PP5DXkj5yQx_0JPoVA8lg

Pentesting - Turkcell Academy

- <https://www.linkedin.com/in/yi%C4%9Fit-tilaver-011a5b222/overlay/1726185553215/single-media-viewer/?profileId=ACoAADgKd00Bbl2-xDs-ylDvXgaSf07uaWnluPs>

Paramı Yönetebiliyorum - Habitat & Visa

- <https://www.linkedin.com/in/yi%C4%9Fit-tilaver-011a5b222/overlay/1725931602068/single-media-viewer/?profileId=ACoAADgKd00Bbl2-xDs-ylDvXgaSf07uaWnluPs>

VOLUNTEERING

Istanbul Technical University Search and Rescue Team

- I took part in various volunteer projects.
- <https://akut.itu.edu.tr/anasayfa>

Istanbul Technical University Volunteering Student Club

- I took part in various volunteer projects
- <https://www.gonullu.itu.edu.tr/>