

Hüseyin Daş

AI PLATFORM ENGINEER

Istanbul, Turkey

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Summary

Experienced AI Platform Engineer with a strong background in building end-to-end machine learning systems, scalable backend infrastructures, and hybrid cloud deployments. Proven track record in deploying LLM and VLM models in production environments, designing real-time data pipelines, and implementing CI/CD workflows. Adept at developing AI-powered solutions for counterfeit detection, surveillance, and recommendation systems. Skilled in Kubernetes, Kafka, LangChain, and vector databases (Qdrant); hands-on experience with AWS, GCP, and Azure. Combines deep AI knowledge with DevOps expertise to deliver robust, scalable, and observable AI platforms.

Experience

Counterfake AI

Istanbul - Remote

AI PLATFORM ENGINEER

Feb, 2025 - Present

- Designed and developed AI systems for counterfeit detection on major e-commerce platforms.
- Delivered protection solutions for both marketplaces (e.g., Trendyol) and global brands (e.g., Galatasaray, Beşiktaş).
- Deployed scalable AI models in Kubernetes with KEDA autoscaling and NVIDIA Triton Inference Server.
- Built high-throughput data pipelines with Kafka and RabbitMQ; integrated LLM/VLM models (Florence, Qwen2.5-VL) after benchmarking.
- Applied LoRA and PEFT for fine-tuning; implemented RAG systems and agents via LangChain.
- Used Qdrant for vector search with image/text embeddings.
- Designed observability stack with Grafana, ELK, and alerting mechanisms.
- Led CI/CD pipeline automation and hybrid cloud architecture across AWS, GCP, Azure (Site-to-Site & P2P VPNs).
- Processed large datasets in Databricks using Parquet; utilized Hugging Face, PyTorch, TensorFlow.
- Skills:** Kubernetes, Kafka, RabbitMQ, Qdrant, LangChain, Hugging Face

Hybrone

Istanbul - Hybrid

DEVOPS ENGINEER

Sep, 2021 - Feb, 2025

- Designed and maintained CI/CD pipelines using ArgoCD; streamlined deployment workflows.
- Managed cloud infrastructure on AWS and GCP (EKS, S3, RDS); achieved 20% cost optimization.
- Set up and maintained bare-metal Kubernetes clusters with custom HA configurations.
- Built observability stack with Prometheus and Grafana; implemented proactive alerting.
- Automated infrastructure using Terraform, Ansible, and Jenkins, reducing manual workload.
- Enhanced security and build processes through improved secret management.
- Skills:** EKS, Terraform, ArgoCD, Prometheus, AWS, GCP

Hybrone

Istanbul - Hybrid

AI/ML ENGINEER

Sep, 2021 - Feb, 2025

- Developed Rasa-based chatbots, reducing customer service workload by 30%.
- Designed hybrid recommendation engines for B2B and internal platforms.
- Achieved 90% accuracy in fraud detection using YOLO on CCTV footage.
- Created real-time alert systems for video surveillance using VLMs.
- Built and deployed ML models with TensorFlow and PyTorch; visualized metrics via Metabase/Tableau.
- Skills:** Rasa, YOLO, TensorFlow, Metabase

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Istanbul - Hybrid

BACKEND DEVELOPER INTERN

Jul, 2021 - Sep, 2021

- Developed a Django-based backend integrated with Canias ERP for a B2B platform.
- Boosted operational efficiency for 3,000+ dealers using Redis, Elasticsearch, and Celery.
- Skills:** Django, Redis, Elasticsearch, PostgreSQL

Education

Firat University

Elazığ, Turkey

MASTER OF SCIENCE IN SOFTWARE ENGINEERING

Feb. 2024 - Present

- Ongoing graduate studies focused on deep learning, computer vision, and large language models.

Firat University

Elazığ, Turkey

BACHELOR OF ENGINEERING IN SOFTWARE ENGINEERING

Feb. 2018 - July 2022

- Graduated with a strong foundation in software development and algorithmic thinking.

Writing

Dec. 2024 **Comparative Analysis of Face Recognition Algorithms**, ÇU Journal of Natural and Applied Sciences

Sep, 2022 **Face Identification in Security Systems**, Çukurova 9th International Scientific Researches Conference

May, 2022 **Market Fraud Detection with Image Processing**, International Conference on Emerging Sources in Science

Dec, 2021 **Product Recommendation System Based on AI**, RDCONF International Conference on Design, R&D

Certificates

Oct, 2022 **Certificate of Participation**, IKSAD Institute

Dec, 2021 **RDCONF2021 Certificate of Participation**, Orclever Science&Research Group