ENES DEMİRAĞ

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About Me

I am an **AI Engineer** with a strong background in **Computer Vision**, **LLMs**, **Agentic AI**, and **real-time AI systems**. Over the past several years, I have built and deployed production-grade AI applications at scale, leading teams focused on high-performance solutions. I have hands-on experience with modern AI frameworks and agentic tools.

Experience

BeneluxSoft Jan. 2026 – Present

AI Engineer

Developing enterprise-grade agentic AI systems, voice-based AI products, chatbots, and AI-powered Learning Management Systems (LMS).

Klyft Nov. 2025 – Present

Lead AI Engineer

Building agentic AI systems for a mobile product using **Google ADK**. Responsible for core AI architecture, integrations, and reliability for production rollout.

Chooch July 2022 – Nov. 2025

MLOps Team Leader

Led deployment of real-time inference systems and backend APIs for CV + LLM workloads across edge and cloud (**AWS**, **GCP**, **Azure**). Served and optimized models using **ONNX**, **TensorRT**, **Triton**, and **DeepStream**. Strong engineering practices: testing, packaging, code reviews, CI/CD. Messaging/infra with **Kafka**, **MQTT**, **Redis**, **RabbitMQ**, **MinIO**.

DiAS Feb. 2025 – Nov. 2025

Senior AI Engineer

Built ML services for document understanding including **OCR**, QR decoding, watermark handling, and robust text extraction pipelines. Delivered production-ready Python services with clean **APIs** and maintainable deployment patterns.

Outlier Nov. 2024 – Nov. 2025

AI Contributor

Enhanced AI model performance by curating high-quality training data, evaluating model outputs for **RLHF**, and conducting adversarial testing to improve safety and robustness.

Baykar Aug. 2020 – July 2022

Software Engineer

Developed augmented reality and real-time video decoding systems; implemented image processing and enhancement with **OpenCV** and **OpenGL**. Led 10+ computer vision projects with real-time performance and reliability. Production **C++/C#** development.

Education

Istanbul Technical University Istanbul, Turkey

Master's in Computer Science *Feb. 2021 – 2024*

Liverpool John Moores University Liverpool, UK

Erasmus Student Exchange Program *Jan. – June 2019*

Istanbul Technical University Istanbul, Turkey

Bachelor's in Electronics and Communication Engineering *Sep. 2016 – Feb. 2021*

Skills

AI/ML: Computer Vision, LLMs/VLMs, Agentic AI, PyTorch, OpenCV, YOLO, Google ADK, LangGraph, ONNX, TensorRT, Triton, DeepStream, Model Routing, Voice AI

Backend/Infra: FastAPI, Docker, Linux, Git, CI/CD, Kafka, MQTT, Redis, RabbitMQ, MinIO, PostgreSQL, MongoDB

Cloud Services: GCP, Firebase, Firestore, Cloud Functions, Pub/Sub, Vertex AI, Artifact Registry, Cloud Run, AWS, S3, EC2, Lambda, Azure, EventHub, Blob Storage