İlke İleri

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Profile

AI Engineer & Product Builder turning data into intelligent, user-centric products. Experienced in ML systems, LLM fine-tuning, and scalable cloud deployments. Thrives where creativity meets technology—shipping bold ideas as global-impact products.

Education

B.Sc. Software Engineering, Near East University   2021–2025
GPA 3.10/4.00 — 2nd Place Graduate, Faculty of Engineering

Technical Expertise

Core AI: TensorFlow, PyTorch, scikit-learn, XGBoost — trained/deployed models with 90%+ accuracy.
Generative AI: LLM fine-tuning (Llama 3.1, Qwen 7B), Prompting, RAG — +25% context relevance.
Backend & APIs: FastAPI, Docker, PostgreSQL — containerized microservices (100K+ calls).
Data Pipelines: NumPy, Pandas, OpenCV — automated ETL for training/inference.
Cloud/DevOps: AWS (EC2,S3), GCP, CI/CD — prod uptime 99.5%.

Core Stack: Python, FastAPI, TensorFlow, Docker, PostgreSQL, AWS, Hugging Face

Experience

Co-founder & Product Lead, Wisemate (UK)   2025–Present

- Led product strategy for AI-driven automation tools, empowering SMEs to streamline workflows.
- Built LLM-based multi-agent systems with feedback loops for adaptive automation.
- Managed agile sprints across UK–TR–IN teams; delivered MVPs with 200% pilot growth.
- Defined metrics & AI roadmap focused on scalability, UX and impact.

Freelance AI Engineer   2023–Present

- **Legal AI Platform:** Reduced manual workload by 60% (on-prem secure pipelines).
- **Multi-Agent Trend Platform:** TrendScanner/Creator/Scheduler agents for real-time analytics.
- **RAG Chatbots:** Served 160B+ tokens; **+25%** contextual accuracy via domain LLMs.

Generative AI Intern, Skymod Tech (İzmir)   2023–2024

- Fine-tuned LLMs (Llama 3.1, Qwen 7B) for client domains; **+15%** accuracy gain.
- Built TensorFlow/PyTorch pipelines; automated OCR (Google Vision, Tesseract).

Selected Projects

- **Credit Card Fraud Detection:** 200K+ tx/day; F1 0.91, uptime 99.5%.
- **Algorithmic Trading Platform:** LSTM/CNN on 10+ yrs data; accuracy 85%.
- **Predictive Maintenance:** NASA CMAPSS; downtime –30% with LSTM+XGBoost.

Leadership & Community

- **M²L Scholar** (Croatia) — selected among 2,000+; labs by Google DeepMind & Oxford.
- **TEDxİzmir Ceremony Lead** — managed logistics for 1,000+ attendees.
- **Google Developer Groups Speaker** — talks on Generative AI & LLMs.
- **Code Crafters Founder** — first international dev community at NEU.

Certifications & Awards

- Google DeepMind × Kaggle — Generative AI Intensive; M²L Labs (23 h)
- Türkiye AI Institute — Advanced LLM Training | Hugging Face — AI Agents
- Teknofest 2022 Accessibility Award — **Binclusive** | High Honors ×3 (NEU)

Languages

English (Full Professional) | Turkish (Native) | German (Beginner)