

Alper Ozarslan

DEVOPS & PLATFORM ENGINEERING

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Experience

GlassHouse

Jul. 2026–Present

DevOps & Linux Platform Intern | Istanbul, Türkiye

- **Platform Engineering:** Built and validated a seven-node HA **RKE2** test environment (three control-plane and four worker nodes) plus a dedicated **K3s/Rancher** management node; automated provisioning with **Ansible**; configured **pfSense/HAProxy** load balancing, **Cilium** networking, **Longhorn** storage, and end-to-end **Prometheus/Grafana** monitoring through **Rancher**; and implemented **RKE2** delivery workflows using **Argo CD**, **Jenkins**, **Nexus**, and **GitLab**.
- **Incident Analysis:** Co-developed a proof-of-concept orchestrator that gathers policy-constrained, read-only evidence from **Kubernetes**, **Prometheus**, and **Elasticsearch**, redacts sensitive data, and validates LLM-generated root-cause analyses and remediation recommendations for a **Jenkins**-driven **SMAx** workflow.
- **Automation POCs:** Built an end-to-end **Rancher** upgrade orchestration POC in **Go** with **SQLite**, preflight checks, approval and backup gates, and auditable state transitions; also drafted **Ansible** automation for cross-platform **Endpoint Central** agent deployment and verification.

Justech / ITU Teknokent

Mar. 2026–May 2026

Part-time AI Engineer | Istanbul, Türkiye

- Developed electricity-price forecasting pipelines for Borusan using time-series modeling, feature engineering, residual learning, leakage-resistant walk-forward validation, and **Airflow** orchestration.
- Containerized data ingestion, preprocessing, feature engineering, and inference services for **Linux** VMs; integrated outputs with **Next.js** and **C#** services and contributed to data workflows built with **Kafka**, **Spark**, and **Flink**.

Kedy.ai

Oct. 2025–Jan. 2026

Volunteer AI Engineering Intern | Remote

- Improved **XTTS**-based text-to-speech inference and built reproducible **Docker/CUDA** workflows for GPU testing, voice cloning, and end-to-end dubbing.

QNB Finansbank

Jul.–Aug. 2024

Branch Operations Intern | Istanbul, Türkiye

- Supported daily branch operations and customer service processes in a high-volume banking environment.

Istanbul Municipality

Jun.–Jul. 2024

IT Support Intern, Legal Affairs Department | Istanbul, Türkiye

- Provided IT support to Legal Affairs staff, resolving more than 25 hardware and software incidents per week.

DenizBank

Feb.–Mar. 2024

Data Science & AI Trainee | Remote

- Completed structured training in applied data science and artificial intelligence for business use cases.

Education

Istanbul University

2023–Present

B.Sc. in Computer Science

GPA: 3.33/4.00

Turkish Education Foundation (TEV) Scholarship, 2024–2028

Yapay Zeka ve Teknoloji Akademisi

2025

Artificial Intelligence Program | Council of Higher Education (YOK)

Core Expertise

Container & Platform: Kubernetes, RKE2, K3s, Rancher, Helm, Docker, Kubernetes RBAC

Infrastructure & Delivery: Terraform, Ansible, Argo CD, Jenkins, GitLab, Nexus, GitHub Actions, Linux, Git, n8n

Cloud & Networking: Azure, AWS, OCI, pfSense, HAProxy, WireGuard, ZeroTier

Observability & Operations: Prometheus, Grafana, Elasticsearch, ITSM/SMAx, incident analysis, root-cause analysis

Engineering & Data: Go, Python, TypeScript, FastAPI, PostgreSQL, REST/OpenAPI, Airflow, Kafka, Spark, Flink

Certifications & Languages

Certifications: AWS Certified Cloud Practitioner (2025) | DataCamp AI Engineer for Data Scientists Associate (2025) | Huawei Cloud Essentials (2025)

Languages: Turkish (Native) | English (B2) | German (A1)