

Mert Yildirim

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EDUCATION

Middle East Technical University

Ankara, Turkey

*B.Sc. in Computer Engineering; **GPA: 3.58/4.00***

Sep 2019 – Jun 2023

*Minor Degree in Mathematics; **GPA: 3.51/4.00***

Oct 2021 – Jun 2023

SKILLS

Languages: C, C++, Python, Go, TypeScript, SQL

Technologies: PostgreSQL, Redis, Docker, Kubernetes, gRPC, Kafka

EXPERIENCE

Getir

Istanbul, Turkey

Backend Engineer

Aug 2023 – Present, Full-time

- Rebuilt the courier-dispatch matching service in Go, cutting median assignment latency from 900ms to 140ms during peak demand.
- Introduced a Kafka-based event log for order-state transitions, replacing polling and eliminating a class of stale-status bugs reported by the driver app.

TUBITAK BİLGEM

Ankara, Turkey

Software Engineering Intern

Jun 2022 – Aug 2022, Internship

- Built a C++ log-parsing pipeline for a network-security appliance, reducing false-positive alert rate by 30% after retraining the classification thresholds on labelled traffic.

PROJECTS

METU Course Planner | [GitHub](#)

- A Go service that scrapes the university's course-catalogue system and solves for a conflict-free semester schedule given a student's required courses, used by roughly 300 students in its first term.

tinykv | [GitHub](#)

- A minimal key-value store implementing the Raft consensus protocol from scratch in Go, built to understand leader election and log replication in depth.

AWARDS & ACHIEVEMENTS

Dean's Honor List: Awarded each semester $\text{GPA} \geq 3.50$, four out of eight semesters. (2019 – 2023)

METU CENG Hackathon, 2nd place: Team project building a real-time campus-shuttle tracker. (Nov 2021)