







# MEHMET SEZER

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## EDUCATION

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### Hacettepe University

Department of Computer Science

- 3<sup>rd</sup> highest ranking student in Engineering Faculty and Computer Science Department
- Student Representative

Oct 2017 - Jun 2021

Overall GPA: 3.72/4

## EXPERIENCE

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### Trendyol Group

Senior Software Engineer

- Working in the Internal Developer Platform Database Team.
- Automating routine database management tasks to enhance productivity.
- Collaborating with cross-functional teams to meet their database needs.
- Assisting in capacity planning to ensure database resources meet current and future demands.
- Developing and maintaining connectors for seamless data integration.

Istanbul, Turkey

Jan 2024 - Present

Software Engineer

- Worked in the Product Data Quality Team which is an agile team striving to develop new features to improve product quality.
- Unified duplicate products by using artificial intelligence models such as Vector Search, and Natural language processing(NLP) that provided by the data science team. We have unified more than 200 million products.
- Extracted attributes and descriptions from product information.
- Cleared and enriched the Trendyol catalog data.

July 2022 - Jan 2024

Associate Developer

- Worked in the internationalization process of the product management system from design to implementation.
- The project has been completed, and the sellers can now sell their products to different countries as a result of the rules they entered. It was one of the important milestones for Trendyol.

Aug 2021 - July 2022

### Bayzat

Junior Software Engineer

- Backend development using **Kotlin, Spring Boot, PostgreSQL, Redis, AWS**.
- Wrote integration and unit tests.
- Mobile development using **Flutter**.
- Worked with a multi-national agile team.

Dubai, United Arab Emirates

Feb 2021 - Aug 2021

### Monday Hero

Full Stack Developer

- Wrote backend and admin panel of Go Assist application using **Node.js(Express), MongoDB, Firebase, React**.
- Developed application integration plugins by using **Node.js, TypeScript**.
- Developed Monday Hero core algorithms and API by using **Swift Vapor**.

San Francisco, CA

May 2020 - Nov 2020

### OPLOG Operational Logistics

Artificial Intelligence Engineer Intern

- Worked on data anomalies.
- Analyzed and reported real time data by using **Power BI**.

Ankara, Turkey

Dec 2019 - March 2020

### Komtas Data Management & Analytics

Software Engineer Intern

- Developed a web service with **Flask** and **MySQL** to trigger Pentaho Kettle Jobs.
- Analyzed data by using **Apache Nifi, Pentaho Data Integration**.

Ankara, Turkey

June 2019 - Aug 2019

## PROJECTS

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### **Concurrent Swiss Map**

Go library that provides a high-performance, thread-safe generic concurrent hash map implementation designed to handle concurrent access efficiently. It's built with a focus on simplicity, speed, and reliability, making it a solid choice for scenarios where concurrent access to a hash map is crucial.

### **Go DCP Elasticsearch**

Go implementation of the Couchbase Elasticsearch Connector. It replicates documents from Couchbase via Database Change Protocol (DCP) and writes each document to an Elasticsearch index in near real-time.

### **Pipeline**

Go pipeline solution that can be used in many different combinations for chaining pipeline steps.

### **Go DCP Kafka**

Go implementation of the Couchbase Kafka Connector. It streams documents from Couchbase via Database Change Protocol (DCP) and publishes each document to a Kafka topic in near real-time.

### **Go DCP SQL**

Streams documents from Couchbase via Database Change Protocol (DCP) and writes each document to a SQL table in near real-time.

### **kediatR**

A library to handle queries and commands via a command bus in Kotlin and Java applications, supporting CQRS and Event Sourcing patterns.

### **Konsumer**

Kafka Konsumer provides an easy implementation of Kafka consumer with a built-in retry/exception manager.

### **MovieIt**

MovieIt is a mobile application that lists movies for the user based on the semantic content of the text information entered by them. - We developed it by using **Flutter, Java Spring Boot, Dialogflow, Neo4j, MongoDB, Elasticsearch.**

### **Go Assist**

Go Assist is an mobile application developed to prevent vehicles(Tow Trucks etc.) from turning empty. Developed backend part by using **Node.js(Express), MongoDB, Firebase, React.**

## ACHIEVEMENTS

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- Ranked 3rd highest among all engineering faculty students at Hacettepe University in 2021.
- Ranked 3rd highest ranking student of Hacettepe University Computer Science Department in 2021.
- Awarded high honor student status with a GPA of 3.72/4.00 at Hacettepe University in 2021.
- Won 1st place in the "Ekinoks Software Google Assistant Hackathon", earning 5000TL with the Rememberry project in 2019.

## CLUB & ASSOCIATION MEMBERSHIPS

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<b>Hacettepe University Computer Science, Student Representative</b>	Oct 2017 - Jun 2021
<b>Association for Computing Machinery(ACM) Hacettepe, Active Member</b>	Sep 2016 - Jun 2021
<b>Google Developer Groups(GDG) Ankara, Co-Organizer</b>	May 2019 - July 2020