MEHMET SEZER

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EDUCATION

Hacettepe University   *Oct 2017 - Jun 2021*
Department of Computer Science   Overall GPA: 3.72/4
- 3rd highest ranking student in Engineering Faculty and Computer Science Department
- Student Representative

EXPERIENCE

Trendyol Group   Istanbul, Turkey
Senior Software Engineer   *Jan 2024 - Present*
- 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.

Software Engineer   *July 2022 - Jan 2024*
- 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.

Associate Developer   *Aug 2021 - July 2022*
- 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.

Bayzat   Dubai, United Arab Emirates
Junior Software Engineer   *Feb 2021 - Aug 2021*
- 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.

Monday Hero   San Francisco, CA
Full Stack Developer   *May 2020 - Nov 2020*
- 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**.

OPLOG Operational Logistics   Ankara, Turkey
Artificial Intelligence Engineer Intern   *Dec 2019 - March 2020*
- Worked on data anomalies.
- Analyzed and reported real time data by using **Power BI**.

Komtas Data Management & Analytics   Ankara, Turkey
Software Engineer Intern   *June 2019 - Aug 2019*
- Developed a web service with **Flask** and **MySQL** to trigger Pentaho Kettle Jobs.
- Analyzed data by using **Apache Nifi**, **Pentaho Data Integration**.

PROJECTS

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

- 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

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