

# Emre Eren

Student in the Marmara University (4th grade). Heavily focused on the Backend development, architectures and patterns right now. Also likes the Devops but not focused on that. He is also a birb parent.

## CONTACT

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## EXPERIENCE

### Emlakjet, Istanbul - Backend Developer

MAY 2022 - CURRENTLY

The aim of the application is to make users be able to search for the properties on sale or on rental which are submitted by the owners or real estate offices. The website is [here](#).

I started as an intern and now I am in the infra-performance team right now. Our responsibility is to improve performance of the applications at the code level.

### DogGO, Istanbul - Backend Developer Intern

DEC 2021 - OCT 2022

The aim of the application is to bring the walkers and the customers together without trust issues and quality standards. The website is [here](#).

My responsibility here was to develop new features. Additionally, I improved tests here by bringing the new technique to test components. With this improvement, I dropped the LOC required for testing by ~15% for each service.

### Ilao co., Istanbul - Android Developer (Freelance)

MAR 2019 - JAN 2021

I worked here as a freelance Android Developer. I created the interface of a Blockchain application and renewed a personal mailing application in Kotlin.

### Wevent, Istanbul - Android Developer

SEP 2019 - SEP 2020

The aim of the project was to create an online registration platform for the events. The development of the application affected by the pandemic. Because of not adapting the platform for the online events, we decided to shelve the app. [Here](#) is a link from a startup market.

The application is created by the team from Ilao co. . My responsibility here was to create the Android app of Wevent. I used the state-of-the-art tools to create the app (ex. Android architecture components were emerging lately in the development, I used it in the app).

## SKILLS

Critical Thinking

Analytical Thinking

Algorithmic Thinking

Problem Solving

Data Structures

Distributed Systems

Microservices

Event Driven Architecture

Hexagonal Architecture

Testing (Unit, Integration)

Agile

TDD (Test Driven Development)

## LANGUAGES/Frameworks

Java (8, 11, 17)

Kotlin

Python

Scala

Spring Boot

Lagom Framework

Kafka

Docker

Elasticsearch

SQL (Postgresql, Mysql)

CQL (Cassandra Query Language)

Cassandra

Testcontainers

Maven

Kubernetes (in progress)

Helm (in progress)

## EDUCATION

### **Marmara University, Istanbul – Bachelor's Degree**

SEP 2018 - SEP 2023 (expected)

The first year I got into the preparation school. After the preparation school and the first semester, the pandemic hit and I was unable to socialize and network.

During the pandemic, I took some classes from platforms like Coursera and Datacamp.

After the pandemic school clubs got active again and I started being active in these clubs shown in the “Communities” section.

## COMMUNITIES

### **MACSEC – Marmara Computer Science and Engineering Community**

SEP 2021 - CURRENTLY

I was the team leader at the Algorithm Community for 9 months (between December, 2021 and August, 2022).

I taught several lessons about algorithms. Because we had some students coming from other faculties, I had to start from zero.

We joined some CP (Competitive Programming) competitions

### **MUFE Robotics – Marmara University Faculty of Engineering Robotics Team**

OCT 2021 - CURRENTLY

I am currently in the drone team. We create drone simulations to commit to some competitions.

## PROJECTS

### **Emlakjet Internship Project**

The aim of the project was creating a project with state-of-the-art tools, microservices architecture and Hexagonal architecture.

The project has been written in Java and based on Spring Boot framework. Tools used in the project are; Kafka, Postgresql, Elasticsearch, Kibana, Protobuf and Testcontainers. Click [here](#) to see the project.

## ACHIEVEMENTS

### **Global Day of Coderetreat**

The event was organized by JUG Istanbul and hosted by Emlakjet. I have instructed participants to practice Agile and TDD by coding Conway's Game of Life in four sessions. I had so much fun. You can see the post by JUG Istanbul [here](#).

### **Inzva – OPC 22**

We completed CP challenges with a team of three. We had great fun but could not win anything. The participation certificate is [here](#).

### **Inzva – OPC 21**

We completed CP challenges with a team of three. We have become the 13th team out of 100+ teams. The participation certificate is [here](#).

## LANGUAGES

Turkish (Native)

English (Professional Working Proficiency)

## CERTIFICATIONS

[Introduction to Programming with Go](#)

[Building Advanced Applications with Kotlin](#)

[Improving Deep Neural Networks Hyperparameter Tuning, Regularization and Optimization](#)

[Structuring Machine Learning Projects](#)

[Sentiment Analysis in Python](#)

[Building Chatbots in Python](#)

[Building Basic Generative Adversarial Networks \(GANs\)](#)

[Neural Networks and Deep Learning](#)

