

# Ensar Makas

Backend Developer

📍 Sariyer, İstanbul | 📞 +90 539 340 8356 | 🌐 emakas.net  
✉ ensar.makas@gmail.com

## About

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As a computer engineering graduate, I have built a solid foundation in software development with a particular focus on backend technologies. I have worked on projects involving API design, authentication, and system architecture. My hands-on education at Ecole 42 Istanbul has strengthened my problem-solving and collaborative coding skills.

I am passionate about building secure and scalable systems using modern technologies. I enjoy writing clean, maintainable code and continuously improving by exploring new tools and approaches.

## Education

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### Beykent University

Bachelor's Degree in Computer Engineering

*August 2019 – September 2024*

### Ecole 42 Istanbul

Peer-based Software Training

*January 2022 – Ongoing*

## Work Experience

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### Veripark – Developer

*March 2024 – Present*

- Plugin development on Dynamics 365 using .NET and WCF
- UI customization with TypeScript

### KoçSistem – Intern

*September 2022 – December 2022*

- Developed RESTful APIs with .NET Core and Entity Framework
- Implemented JWT authentication and used Entity Framework

## Technical Skills

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Languages: Java, C#, TypeScript, Python

Frameworks: Spring Boot, .NET Core, EF Core, Express Js, Django

Tools: Docker, PostgreSQL, MySql, MsSQL, Git, Swagger, WCF

Concepts: REST, JWT, Clean Architecture, Microservices

## Projects

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### **Users API (IAM Module)** (<https://github.com/rasnesakam/emakas-users>)

A user API designed for microservice architecture with JWT and refresh token support. It allows assigning service-level permissions based on users and their teams, and also issues tokens to control service access per application.

*Technologies: Spring Boot, Spring Security, PostgreSQL, React Js, Typescript, Docker, Clean Architecture*

### **Shop API** (<https://github.com/rasnesakam/emakas-shops>)

An e-commerce API for managing products, categories, carts, and orders. Built with .NET Core using EF Core, Fluent API, and the Mediator pattern within a multi-layered architecture. Includes Swagger support.

*Technologies: .NET Core, EF Core, PostgreSQL, Docker*

### **DepIn** (<https://github.com/rasnesakam/DepIn>)

DepIn is a Dependency Injection library for java. Dependency injection simply means that providing dependencies to specific instances automatically. And the dependency means instances that the particular instance needs to do its job.

*Technologies: Java, Gradle*

### **Api-Gateway** (<https://github.com/rasnesakam/api-gateway>)

A gateway application that manages API routing and centralizes microservice access. Designed for simple service proxy operations.

*Technologies: Typescript, Express Js*

### **Trascendence** (<https://github.com/rasnesakam/Trascendence>)

An online platform that you can chat with your friends and play ping pong game within same computer. Developed as 42 Project

*Technologies: Django, Docker, PostgreSQL, Nginx*

### **Internet-Relay-Chat** (<https://github.com/rasnesakam/internet-relay-chat>)

C++ Implementation of IRC server. Developed as 42 Project

*Technologies: C++, Sockets*