Yiğit Tuna Özden *Mathematical Engineer*

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ABOUT ME

I am a Senior Mathematical Engineering student with a strong interest in **software engineering**. I am eager to learn new technologies, adapt quickly to changing environments, and continuously improve myself. My focus is on growing both personally and professionally through hands-on experience and learning.

PROFESSIONAL EXPERIENCE

Software Developer Intern, *Garanti BBVA Technology* — Aug 2023 – Dec 2023, Istanbul, Turkey

Legal Tech Team is responsible for developing a HTS software, enabling attorneys to track case files during the legal processes initiated for collecting customer debts.

- Contributed Java-Spring project with **Microservice** architecture
- Applied **Object-Oriented** and **SOLID** principles
- Increased test coverage rate (>%80) by using **JUnit** and **Mockito**

Backend Developer Intern, *IyziShip* — Jul 2023 – Aug 2023, Istanbul, Turkey

IyziShip Developer Team is responsible for developing the IyziShip website, which allows users to manage and automate the entire process of shipping parcels internationally.

- Contributed **PHP-Laravel** project with **MVC** architecture
- Functional **Endpoint Testing** with Postman

EDUCATION

Yıldız Technical University — Sep 2020 – Jun 2025, Istanbul, Turkey
Mathematical Engineering (%100 English)

Fernando Pessoa University — Feb 2024 – Jul 2024, Porto, Portugal
Computer Systems Engineering
Erasmus+

TECH-STACK

Java, Spring Framework, React, SQL, Git

PROJECTS

Distributed Social Media Application with Microservices ⧉ — Nov 2024 – Jan 2025
Social media API developed using Spring Boot, Spring Cloud, and Spring Security, leveraging both SQL and NoSQL databases. Built on a microservices architecture with Kafka for event-driven communication and Docker for containerization.

Http Web Server ⧉ — Sep 2025
HTTP web server using sockets, designed to handle GET requests and manage concurrent requests efficiently. The server implements annotation-based routing.

Full-Stack Todo App — Aug 2025
A Todo App developed using Java, Spring Boot, and React, featuring JWT-based authentication and authorization with Spring Security. React frontend, integrated with Axios for API calls. The entire app is deployed on AWS.

Tcmb Currency App ⧉ — Nov 2023
A RESTful API developed with Spring Boot that fetches currency exchange data from the official Tcmb website and stores it in an H2 database for efficient retrieval and management.

CERTIFICATES

Garanti BBVA - Patika.Dev
Full Stack Development (Java - React.Js) Bootcamp

Udemy ⧉
Master Spring Boot 3 & Spring Framework 6 with Java

LANGUAGES

- Turkish (Native)
- English (Fluent)