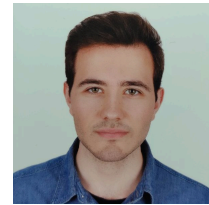# Yiğit Tuna Özden Mathematical Engineer

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ABOUT ME

Mathematical Engineering graduate focused on **software development**. Highly motivated **self learner** with personal projects and professional experience in **Java** and **Databases**.

EXPERIENCE

Garanti BBVA Technology, Software Developer Intern — Aug 2023 – Dec 2023, Istanbul, Turkey
- Worked on an enterprise project using **Java Spring** with **Microservice** architecture
- **REST** and **gRPC** technologies utilized
- Applied **Object Oriented** and **SOLID** principles
- Increased test coverage to over 80% using **JUnit** and **Mockito**

IyziShip, Backend Developer Intern — Jul 2023 – Aug 2023, Istanbul, Turkey
- Developed features for the IyziShip website to manage and automate international parcel shipping
- Wored on **PHP Laravel** project with **MVC** architecture
- Tested functional **API** endpoints using **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+)

PROJECTS

Social Media Application 🔗 — Nov 2024 – Jan 2025
- Developed a social media backend API using **Microservice** architecture
- Built with **Spring Boot**, **Spring Security**, and **Spring Cloud**
- Implemented 6 services including **API Gateway** and **Service Discovery**
- Stored users and posts in **MySQL**, notifications in **MongoDB**
- Used **Kafka** for routing events to the Notification Service

Http Web Server 🔗 — Sep 2024
- Built a simple **HTTP** server using sockets
- Implemented **multithreading** to manage concurrent requests efficiently
- Experimented with an **annotation-based architecture** inspired by Spring Boot

Full-Stack Todo App — Aug 2024
- Developed a Todo application using Java, **Spring Boot**, and **React**
- Implemented **JWT-based authentication and authorization** with **Spring Security**
- Integrated React frontend with REST APIs using **Axios**
- Deployed the application on **AWS**

TECH STACK

Java | Spring (Boot, Data, Security, Cloud) | ReactJS | MySQL | MongoDB | Git | Docker

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)