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# TomrisTeymurlu

*Java Developer*



tomrist9.github.io





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# Introduction

## About me

- I'm Tomris Teymurlu, a Java backend developer with hands-on experience in building Spring Boot applications, REST APIs, and scalable microservices.
- I've contributed to real-world projects using tools like Kafka, Docker, Keycloak, and Eureka, focusing on clean code and secure architecture.
- I enjoy turning complex business logic into simple, maintainable backend systems.

## Personal projects

- Wallet-Wave Banking App:
- Built and deployed a microservice architecture with Eureka, RabbitMQ, Kafka, and Spring Cloud. Implemented secure authentication with Keycloak and designed REST APIs for core banking services.

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# Professional projects



2019 ————— 2021 ————— 2023

Completed BSc in Biology and began self-learning Java. Explored fundamental programming concepts, data structures, and object-oriented programming.

Completed multiple Java and Spring Boot courses on Udemy and Coursera. Learned about REST APIs, Spring Security, MySQL, and built mini-projects to practice microservices and backend design.

Wallet-Wave Project: Designed a banking system using microservices (Spring Boot, Kafka, Docker, Eureka). Netto Retail Internship at Andersen Lab: Built production-grade authentication and shop modules. Used Keycloak, Spring Modulith, and clean code architecture in a real corporate environment.

# Eureka Service Registry

Shows registered microservices like Accounts, Loans, Cards — ●●●  
demonstrating service discovery in Wallet-Wave.

## System Status

Environment	test	Current time	2025-05-09T14:40:36 +0400
Data center	default	Uptime	00:04
		Lease expiration enabled	false
		Renews threshold	6
		Renews (last min)	4

## DS Replicas

<a href="#">localhost</a>
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## Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
ACCOUNTS	n/a (1)	(1)	UP (1) - <a href="#">192.168.1.94:accounts:8080</a>
CARDS	n/a (1)	(1)	UP (1) - <a href="#">192.168.1.94:cards:9000</a>
LOANS	n/a (1)	(1)	UP (1) - <a href="#">192.168.1.94:loans:8090</a>

## General Info



# Project Portfolio

Over the last two years, I've developed and contributed to multiple backend systems using Java and Spring Boot.

My work includes designing microservices, implementing REST APIs, securing applications with Keycloak, and containerizing services using Docker.

## ◆ Key Contributions:

- ✓ Developed and documented secure REST APIs for account management
- ✓ Implemented microservices architecture with Eureka, Kafka, RabbitMQ
- ✓ Used Spring Cloud tools (Config Server, Gateway) for service communication
- ✓ Integrated Keycloak for OAuth2 authentication
- ✓ Applied clean code principles and CI/CD practices (Docker, Jenkins)





# Educational Background



## Master's in Biophysics

2017-2019

Focused on scientific reasoning and analytical skills, which now support my structured approach to backend logic and system architecture.



## Backend Bootcamps & Courses

2022-Present

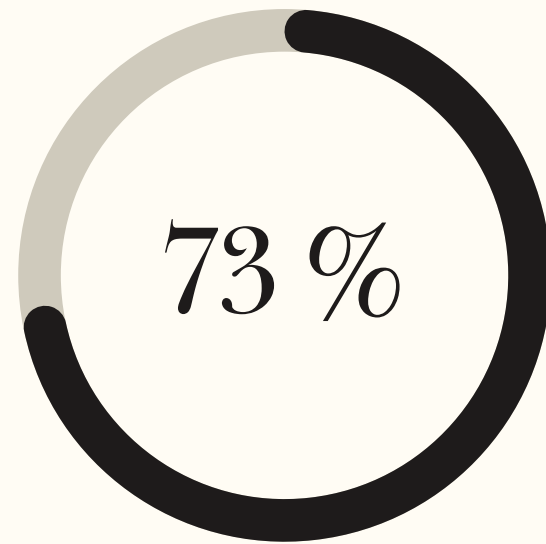
Completed multiple practical courses on:

- Java 17, Spring Boot, Microservices
- Docker, Kafka, Kubernetes
- Clean Architecture & DDD

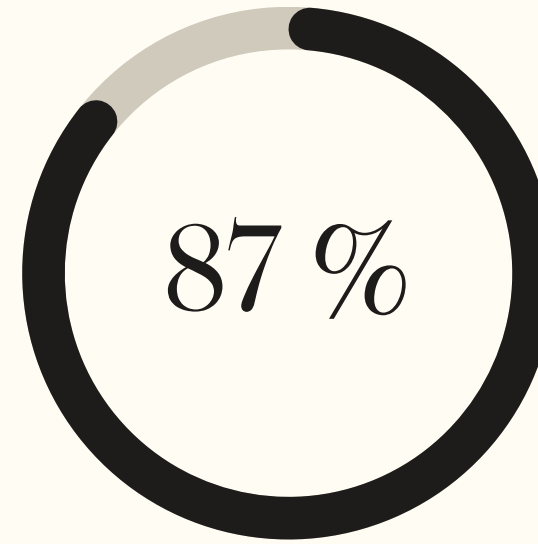
# Technical & Personal Skills

I enjoy designing scalable systems, writing clean code, and implementing secure solutions using tools like Kafka, Docker, and Keycloak.

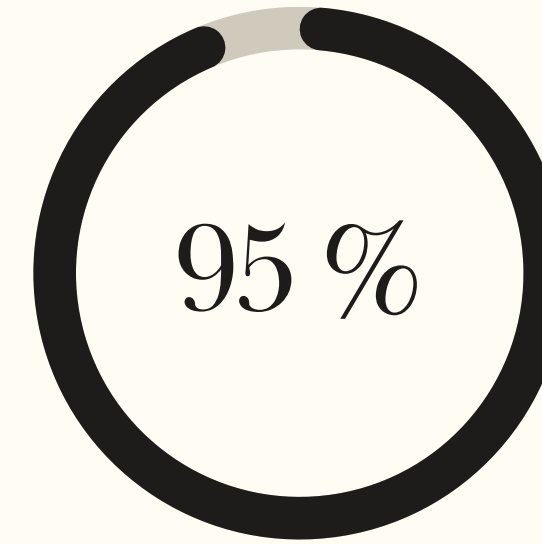
With every project, I aim to combine performance, clarity, and maintainability.



Microservices & Kafka



Security & Keycloak



Spring Boot / Java



# Project Portfolio



## Wallet-Wave Banking System

### PROJECT 1

Developed a secure microservices-based backend using Spring Boot, Docker, Eureka, Kafka, and RabbitMQ. Integrated Keycloak for OAuth2 authentication and built REST APIs for account and transaction management.

[View Wallet-Wave on GitHub](#)



## Netto Retail (Internship at Andersen)

### PROJECT 2

Contributed to the authentication and shop modules of a Spring Modulith architecture. Implemented password recovery, login, and category update features using Keycloak, PostgreSQL, and RESTful design.

[Internship Project – Private Repo]



## Personal Spring Boot Mini Projects

### PROJECT 3

Built smaller focused projects to master core Java backend concepts: CRUD REST APIs, exception handling, validation, DTO mapping, and applied test-driven development using JUnit 5 and Mockito in all personal backend projects.

[github.com/tomrist9](https://github.com/tomrist9)





# Let's Work Together

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