

BARAN KAYA

SOFTWARE DEVELOPER

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I am a Software Developer with experience in developing distributed systems using **Java** and **Spring Boot**, building scalable systems with technologies such as **Kafka**, **RabbitMQ**, **Redis** and **Docker** and gaining expertise in **microservice integration** and **CI/CD** processes.

EDUCATION

Inonu University, Software Engineering (GPA: 2.92)

2021 – 2025

WORK EXPERIENCE

Quantumix

03.2025 – 01.2026

Backend Developer

- Developed scalable backend applications using **Java** and **Spring Boot**.
- Designed secure and performant **RESTful APIs**.
- Implemented authentication using **Spring Security** and **JWT**.
- Used **RabbitMQ** for asynchronous communication and data consistency between services.
- Integrated **Redis** caching mechanisms to reduce database load.
- Designed database architecture using **PostgreSQL**.
- Used **Hibernate** and **JPA** for database operations.
- Containerized applications with **Docker** and used **Git** for version control.
- Documented API endpoints using **Swagger (OpenAPI)**.
- Wrote unit tests using **JUnit** and **Mockito**

JForce

07.2024 – 09.2024

Intern Software Developer

- Development of internal Human Resources Application.
- Contributing to the development of enterprise **RESTful APIs** using **Java** and **Spring Boot**.
- Making the admin panel interface mobile-friendly with **JavaScript** and **React.js**.
- Strong state management structure with **Redux**.
- Establishing the database structure.
- Optimizing query times with table design and data modeling using **PostgreSQL**.
- Experience used **Git**.
- **Agile** worked methodology.

TRAINING

AcunMedya Akademi

01.2025 – 06.2025

Full Stack Bootcamp Participant

- Completion of comprehensive training in **Java**, **Spring Boot**, **JavaScript**, and **React**, from beginner to advanced levels.
- Designing user-friendly interfaces and ensuring integration with back-end services.
- Contributing to the development of **RESTful APIs**.
- Experience worked with **Docker**.
- Establishing the database structure.
- Strong foundation in data structures and algorithms.
- Strong state management structure.

TECHNICAL SKILL

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|----------------|------------|--------------|--------------------------|---------------|
| • Java | • Redis | • Hibernate | • SAGA Pattern | • API Gateway |
| • Spring Boot | • RabbitMQ | • PostgreSQL | • Outbox Patern | • JUnit |
| • RESTful API | • Kafka | • JavaScript | • Transaction Management | • Git |
| • Microservice | • Docker | • React | • Clean Architecture | • Jenkins |

PERSONAL PROJECT

Scalable Event Ticketing System | Microservices , Java, Spring Boot, Kafka, Redis, Saga Patern

- Engineered a scalable event ticketing system using microservices architecture.
 - Implemented Redis distributed locking to prevent race conditions and integrated Zipkin for distributed tracing.
 - Managed distributed data consistency using Saga and Outbox patterns, leveraging Apache Kafka for event streaming.
 - Containerized the infrastructure using Docker and orchestrated routing/security via API Gateway.
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Distributed Food Delivery Platform (Microservices) | Java, Spring Boot, RabbitMQ, Redis

- Development of product, order, and user services in a microservices architecture.
 - Inter-service communication was enabled using RabbitMQ, and user sessions were accelerated using Redis. Orders were stored in Cache.
 - Deployment was performed using Docker, and routing was implemented via the API Gateway.
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LANGUAGE

- **English**, Intermediate (B1)