

Recep Erdogan

Software Engineer

✉ rerdogan@receperdogan.dev ☎ +905466241118 📍 Antalya,Turkey

🌐 <https://www.linkedin.com/in/erdoganr/> 🐙 github.com/receperdog

SUMMARY

Software engineer with 3 years of experience specializing in Java-based backend development and microservices architectures. Proven track record in enhancing software reliability, performance, and scalability through innovative solutions and rigorous testing methodologies.

PROFESSIONAL EXPERIENCE

Nov 2024 – present
Antalya, Turkey

SunExpress, Mid-Level Software Engineer

- Responsible for **developing** and **maintaining backend** and **frontend** features for managing aviation business processes.
- Orchestrated the migration of **legacy systems** to a **microservices architecture**, enhancing system **modularity** and **resilience**.
- Integrated **GraphQL** with both **microservices** and **legacy** projects.
- Developed **web** and **mobile** user interfaces using **React** and **React Native**.
- Converted legacy projects to modern microservices, including testing, **feature development**, **debugging**, and **code reviews**.

Tech Stack: Java, Spring Boot, .NET Core, React, React Native, Azure, WebSocket.

Oct 2023 – Nov 2024
Antalya, Turkey

Ericsson, Mid-Level Java Backend Developer

- Developed and maintained **90% of unit and integration tests** for SOAP-based Adapters.
- Independently designed and implemented the Turkcell invoice settings **microservice**, transitioning from legacy **MVC** systems.
- Orchestrated the migration of legacy systems to a microservices architecture, enhancing **modularity** and **system resilience**.
- Implemented **Kafka** to ensure robust **asynchronous communication** between **microservices**.
- Employed **Redis** for effective session management across distributed services.
- Integrated **SOAP** services into a new **RESTful** architecture using the **Adapter Pattern**.
- Advanced the system's **exception handling** and **documentation**, boosting maintainability and developer efficiency.
- Developed the user interface using **React**, adhering to a **microfrontend architecture** to enhance modularity and scalability.

Tech Stack: Java, Spring Boot, JUnit, Mockito, Kafka, Redis, Jenkins, React.

Feb 2023 – Sep 2023
Antalya, Turkey

Turkcell (Atmosware), Java Backend Developer

- Led the database performance tuning initiative by redesigning queries and creating indexes, which **improved performance by over 50%**.
- Developed and launched a notification system for content providers that shortened the content update cycle **from one week to two days**.
- Authored complex **PL/SQL** scripts for enhancing **data-driven recommendations**.
- Contributed to the development of **Quartz jobs** for **regular database updates**, **enhancing data reliability and access**.
- Implemented **caching mechanisms** using **Hazelcast** to optimize data retrieval speeds and system responsiveness.
- Worked with **Cassandra** to manage and optimize data storage for the playlist feature, improving scalability and query performance.

Tech Stack: Java, Spring Boot, Oracle SQL, Cassandra, Hazelcast, Jenkins, Kafka.

EDUCATION

2018 – 2023
Antalya, Turkey

Akdeniz University, BSc in Computer Science & Engineering 🎓