



Ersin Elmas

Computer Engineer | Full-Stack Software Developer

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Military Service: Exempt

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PROFESSIONAL SUMMARY

A proficient Full-Stack Developer with backend experience in Java, Spring, and .NET, knowledgeable in microservices architecture and Agile methodologies. Gained experience in corporate environments like Yapı Kredi Technology, with a proven ability to develop scalable and high-performance B2B financial applications.

SKILLS

Languages & Frameworks — Java, Spring Boot, .NET Framework, JavaScript, HTML/CSS, React, English (YÖKDİL: 92.5)

Databases & Tools — PostgreSQL, MSSQL, Docker, Git, Jira, Swagger, JUnit

Concepts & Architectures — Microservices Architecture, RESTful API Design, OOP, Agile, JWT

PROFESSIONAL EXPERIENCE

ATP Tradesoft

Software Development Assistant Specialist

07/2024 – 04/2025

Istanbul, Türkiye

- Developed and maintained .NET-based virtual branch applications for platforms serving 38 corporate clients and managing 51% of the BIST trade volume.
- Implemented backend functionalities, such as rate limiting for specific features, to enhance security and stability in response to client requests.
- Localized the entire platform UI to support English and Azerbaijani for a new international corporate client.

Yapı Kredi Technology

Intern Software Engineer

06/2022 – 08/2023

Remote

- Actively supported enterprise backend development processes using Java and Spring Framework.
- Wrote comprehensive unit tests using JUnit to ensure the reliability of new service modules during a monolithic to microservices transformation project.
- Gained hands-on experience with Agile methodologies, including version control with Git and task tracking with Jira on a large-scale corporate project.

EDUCATION

Ege University

Bachelor's Degree, Computer Engineering

08/2019 – 07/2023

Izmir, Türkiye

- GPA: 3.70/4.00 | High Honors Degree
- Thesis: "Analysis of Stock Market Index Movements with Machine Learning"

PROJECTS

Full-Stack Digital Life Assistant

Java, Spring Boot, React, PostgreSQL, Docker, Gemini AI

- Developed a secure RESTful API using JWT and Role-Based Access Control (RBAC).
- Designed a modular React UI with a dedicated admin panel and modules for users to manage tasks and personal finances.
- Integrated the Google Gemini API to generate weekly personal productivity reports by analyzing user task completion data.
- Automated API documentation with Swagger and versioned database schema management with Flyway.

Microservices-Based CRM Application

Java, Spring Boot, PostgreSQL, Docker, Microservices

- Developed a corporate CRM application using a microservices architecture as part of a 6-person team during the Turkcell Geleceği Yazanlar Bootcamp.
- Decomposed business logic into separate services (auth, customer, invoice, order) and orchestrated all services using Docker.
- Utilized DTOs and MapStruct to ensure clean data flow between modules and to automate object mapping.

CERTIFICATES

GYGY 3.0 Programming with Java Training Program
Turkcell

Introduction to Data Analytics
IBM

McKinsey Forward Program
McKinsey & Company

Introducing Generative AI with AWS
Udacity