

Furkan Erdogan

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Education

Duzce University, BS in Computer Engineering

Sept 2022 – May 2027

- GPA: 3.86/4.0
- Actively seeking a Backend Development Internship.

Projects

HR Management System REST API

- Developed a robust HR system backend covering employee management, performance reviews, leave requests, and attendance tracking
- Implemented JWT authentication, role-based authorization, clean architecture with DTOs, and Swagger API documentation
- Tools Used: Java 21, Spring Boot 3.5.4, Spring Security, Spring Data JPA, Hibernate, PostgreSQL, Lombok, MapStruct, Swagger

Event Ticket Platform API

- Developed a REST API for event management and ticket sales with QR code validation
- Implemented Keycloak-based JWT authentication and authorization
- Tools Used: Java 17+, Spring Boot 3.x, Spring Security, Spring Data JPA, PostgreSQL, Swagger

Blog Platform API

- Built a modern blogging REST API with JWT authentication, article, category, and tag management
- Tools Used: Java 17, Spring Boot 3.4.1, Spring Security, Spring Data JPA, MySQL, Lombok, MapStruct

Course Management System

- Developed a platform to create, manage, and track courses with role-based access control
- Teachers can grade students; JWT-based authentication and RESTful API implemented
- Tools Used: Java, Spring Boot, MySQL, React.js, Docker

Technologies

Languages: Java, C# , JavaScript, TypeScript

Frameworks: Spring, Spring Boot, Spring Data, Spring Cloud, Hibernate, React.js

Databases: MSSQL, MySQL, PostgreSQL, MongoDB

Other: RestAPI, Docker, Docker Compose, Postman, Swagger, Git, GitHub, IntelliJ IDEA, VS Code

Certificates

Spring Boot 3, Spring 6 & Hibernate for Beginners

Udemy | Chad Darby

2024

Agile Project Management

Coursera | Google

2023

Master Microservices with Spring Boot 3.3.x, Cloud and Docker

Udemy | Muhammet Ali Kaya

2024

Version Control: Git and GitHub

BTK Academy

2022