# Doguhan Ilter

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## Projects

**Project Management Platform**

A robust project management application developed using Spring Boot and PostgreSQL, designed to handle multi-entity relationships with JWT-based security.

- Utilized Spring Boot for backend development, with PostgreSQL as the primary database, incorporating secure JWT authentication for user management
- Implemented caching for frequent endpoints, optimizing performance for project listing, detail retrieval, and search functions
- Comprehensive unit and integration tests using JUnit, verifying service functionalities, entity relationships, and security features
- Documented API endpoints for registration, authentication, project management, and chat operations, with enhanced error handling.
- Built custom security configuration with JWT for secure user authentication and role-based access control.

**Online Course Management Platform**

Course Management Platform developed using Spring Boot and various technologies. The platform allows users (students, instructors, and administrators) to interact with courses, lectures, and other features such as authentication, course management, and payment integration.

- User Login and Role-Based Access: User authentication and security are provided with JWT.
- Instructor Functions: Instructors can create courses and edit content.
- Secure Payment Integration: Secure course purchases are made with Stripe integration.
- Gamification System: A reward system has been integrated, allowing users to achieve achievements.
- Personal Dashboard: A dashboard is offered for students and instructors for course tracking and management.
- API Documentation: Swagger is used for API documentation and testing, offering an interactive interface for exploring and testing platform APIs.
- Distribution: All deployment and distribution are carried out using Docker.

## Experience

JANUARY 2021 – NOVEMBER 2021

**Software Internship | AlberkQA Academy |Istanbul, Atasehir**

Efficiently archived and organized numerous files using Excel for accurate record-keeping and easy retrieval, while also conducting candidate interviews on behalf of the academy for those who passed certification exams, ensuring a smooth evaluation process.

## Education

PRESENET

**Computer Programming | Gedik University|Turkey, Istanbul**