

ABDULKERİM ÇETİNKAYA

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CAREER HIGHLIGHTS

- I develop **robust and modular projects** using **Java and Spring Boot**. By effectively applying **OOP principles**, I design **sustainable and flexible software**. Additionally, I have experience in **project management** and **dependency management** with **Maven**.
- I have expertise in **database management** and **complex querying** using **PostgreSQL, MySQL, and SQL**. I utilize **ORM technologies** such as **JPA and Hibernate** to make **database operations object-oriented**.
- I am experienced in developing **RESTful APIs** and working with data formats like **JSON and XML**.
- I am proficient in managing and developing projects using **Maven** and the **Spring framework**. Moreover, I am a **collaborative and team-oriented software developer**.
- I served as the **Head of the Organization Unit at Genç Kızılay Karabük** and as the **Vice President of the Karabük University Business Club**. During these roles, I enhanced my **leadership, team management, and teamwork skills**, successfully managing projects and events.

KEY AREAS OF EXPERTISE

- Java SE
- RESTful APIs
- Spring Boot
- Microservice Architecture
- SQL
- Maven

PROFESSIONAL EXPERIENCE

Humbara Games Studio | KARABUK, TURKEY

Game Developer & Environment Artist | March 2023 – January 2024

- At Humbara Game Studio, I gained valuable experience in game development and game design. In this process, I gained important experience in the basics of programming, algorithm development and implementation, problem solving, teamwork and time management. I also gained knowledge in creative thinking and improving the user experience during game design. By taking part in various projects, I had the opportunity to experience all stages of project management and software development cycle. These experiences helped me build a strong foundation in my software development career.

EDUCATION

Patika.dev | İstanbul, Türkiye

Backend Web Development Bootcamp with Java | 2024/2 – 2024/6

Karabük University | Karabük, Türkiye

Department of Business Administration | Graduate - 2024

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- **Taner Cagli Language School**, English Language Education (B1, B2), 2024
- **Udemy**, Spring Boot 3, Spring 6 & Hibernate for Beginners, 2024
- **Patika+**, Backend Web Development Bootcamp(Java), 2024
- **BTK Akademi**, Introduction to Programming with C++, 2023
- **Udemy**, Java Data Structures & Algorithms, 2023
- **Udemy**, Effective Communication Strategies, 2023

VOLUNTEERISM

- Genç Kızılay Karabük Organisation Unit Presidency (2020-2023)
- Vice President of Karabük University Business Club (2023-2024)

PERSONAL PROJECTS:

- **VETERINARY PROJECT**

The Veterinary project allowed us to develop a veterinary management system using Spring Boot. Within the scope of the project, we created a comprehensive system that includes functions such as animal, appointment, doctor, client and vaccine management. In this process, we used technologies such as Java, Spring Boot, PostgreSQL, MySQL, Hibernate, Jakarta Bean Validation, ModelMapper and Maven. The project increased my technical knowledge and provided me with practical experience.

- **LIBRARY MANAGEMENT PROJECT**

Library Management project is a library management system developed using Spring Boot. This project includes functions for managing books, members and transactions. Users can add, update, delete and view books; they can also manage library members and perform book borrowing/refund operations. Java, Spring Boot, Spring Data JPA, H2 Database and Maven are used in the project.

- **TOURISM AGENCY PROJECT**

Tourism Agency project is a Java Swing application developed to manage the operations of tourism agencies. Within the scope of this project, operations such as hotel, room, reservation and user management can be done easily. Java SE, PostgreSQL, Swing and n-tier architecture were used in the project. The technical knowledge and practical experience I gained during this process significantly increased my software development skills

- **VEHICLE RENTAL PROJECT**

The Car Rental project is a Java Swing application developed to digitalise and optimise car rental operations. This project includes critical functions such as vehicle, customer and reservation management. The project was built using Java SE, PostgreSQL, Swing and n-tier architecture. This study, which is similar to the Tourism Agency project, has significantly contributed to improving my technical skills and gaining practical experience.