

Mustafa Tetik

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ABOUT

Computer Engineering student specializing in **Backend Development**, seeking an internship to apply skills in **Java, Spring Boot, MVC, and Docker**. Passionate about designing scalable and efficient backend systems, exploring new technologies, and solving complex problems through structured and analytical thinking. Identifies and quickly closes any knowledge gaps, ensuring continuous growth and adaptability in a fast-paced environment. Enjoys collaborating in team environments and continuously expanding knowledge in software development.

TECHNICAL SKILLS

Backend Development: Java, Spring Boot
Backend Architecture & API Design: RESTful API, JWT (JSON Web Tokens), MVC
Developer Tools: Git, GitHub, VS Code, IntelliJ IDEA, Docker
Other Programming Tools: Python, JavaScript, SQL (MySQL), C

PROJECTS

Research Paper: Analysis of Suicide Content in Social Media Posts with Deep Learning Models and Comparison of Models

- Authored a **research paper** on detecting suicidal intent in social media posts using deep learning models.
- Implemented and compared two unused models in literature, achieving **97% accuracy** in both models.
- Conducted **data preprocessing, feature extraction, and model evaluation** to improve classification performance.

Multiplayer Pacman Game

- Developed a multiplayer version of the classic Pac-Man game using **C# and Unity**.
- Implemented real-time player-controlled ghosts with **Photon** for networking and multiplayer synchronization.
- Designed game mechanics to maintain the original Pac-Man experience while enhancing interactivity.
- Focused on smooth network communication, responsive controls, and an engaging multiplayer experience.

Order Managing App

- Developed a **Spring Boot** backend for managing customers, orders, and products in a structured web application.
- Designed the system using both **monolithic and microservices** architectures, leveraging **OpenFeign** for inter-service communication.
- Built the project as a **RESTful API**, implementing **CRUD operations** with proper request validation, error handling, and standardized response structures.
- Implemented **MVC and DTO** patterns for clean architecture and efficient data handling.
- Integrated **MySQL** as the relational database for data storage and management.
- Used **Docker and Docker Compose** for containerization and deployment.

EXPERIENCE

Software Engineering Intern

July 2024 – September 2024

Smartera Software Solutions, Istanbul

- Gained hands-on experience in backend software development using **Java and Spring Boot**.
- Applied **Test-Driven Development (TDD)** principles to write test-driven, maintainable, and reliable code.
- Focused on building scalable and efficient backend services while following best practices in software development.

EDUCATION

Marmara University

Computer Engineering

Istanbul, Turkiye

2022 – Present

LANGUAGES

Turkish: Native
English: B2 (YÖKDİL: 71/100)

AFFILIATIONS

Sabancı Foundation Scholar