

Mustafa Tetik

Email: tetikmustafa03@gmail.com LinkedIn: www.linkedin.com/in/mustafa-tetik Phone Number: +90 (501) 140 1274
GitHub: github.com/tetikmustafa | Portfolio: mustafatetik.com

About

Computer Engineering student at Marmara University with experience in building scalable backend systems using **Java** and **Spring Boot**. Fine-tuned and trained a **deep learning** model for **text classification**, achieving **97% accuracy**. Simulated **ransomware attacks** in **isolated environments** to analyze malware behavior. Seeking opportunities to expand my capabilities in these fields by combining skills in **security**, **AI**, and **backend** to build secure, intelligent, and high-performance systems.

Education

Marmara University

Computer Engineering — 3.12

Istanbul, Türkiye

2022 – Present

Experience

IT Intern

July 2025 – Present

Brisa Bridgestone Sabancı, İzmit/Kocaeli

- Used platforms like **Jira** and **Bugzilla** for issue tracking, project management, and task coordination.
- Analyzed **REST** and **SOAP** web services to understand service behavior and prepare documentation.
- Used tools like **Postman** and **SoapUI** to inspect and test API requests and responses.

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.

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.

Ransomware Simulation & Analysis

- Simulated a **WannaCry** attack in a fully isolated virtual environment to study **ransomware** behaviors.
- Configured **Windows 10** and **REMinux VMs** on a host-only network for isolation.
- Monitored systems using **Wireshark**, **Procmon**, **Process Explorer**, and **Regshot** to capture host and network based indicators.

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.
- Built the project as a **RESTful API**, implemented **CRUD operations** with proper request validation, error handling, and standardized response structures.
- Used **Docker** and **Docker Compose** for containerization and deployment.

Technical Skills

Backend Development: Java, Spring Boot

Backend Architecture & API Design: RESTful API, JWT, MVC

AI & Deep Learning: Python (Pandas, TensorFlow), model evaluation, data preprocessing

Developer Tools: Git, GitHub, Docker

Other Programming Tools: Python, JavaScript, SQL (MySQL)

Languages

Turkish: Native

English: B2 (YÖKDİL: 71/100)

Affiliations

Sabancı Foundation Scholar