Ahmet Yiğit Özkoca

Computer Engineer

✉ yigitozkoca@gmail.com   📞 5334586568   📍 Kağıthane, İstanbul   ⌂ github.com/FaerunElminster

in linkedin.com/in/ahmet-yigit-ozkoca   🔗 yigitozkoca.engineer

Education

10/2021 – 07/2025	**BEng,** *Istanbul Bilgi University* GPA: 3.15
09/2017 – 06/2021	**HS,** *Bornova Anatolian Highschool (İzmir Maarif Koleji)*

Professional Experience

06/2024 – 08/2024   **Backend Development Intern,** *NTT Data Business Solutions Türkiye*
- Developed a Web API project as the backend of a blog project using the .NET Framework (Shared on GitHub account)
- Stored procedures were utilized in MSSQL for efficient data manipulation and business logic implementation

07/2023 – 09/2023   **Software Development Intern,** *Moneypay Ödeme ve Elektronik Para Hizmetleri A.Ş.*
- Integrating the Money app into the Moneypay app with the Spring Framework by implementing RESTful APIs.
- Minor tasks in the Moneypay app
- Creating UML diagrams of the payment facilitator project's endpoints
- Creating funnels of endpoints as success/fail with Kibana
- Reporting the logs of the suspicious fraud related transactions to legal counsels with Elasticsearch

Projects

NTT Blog Backend
A blog project backend developed with .NET framework during my internship at NTT Data Business Solutions. The project involved implementing core functionalities such as user authentication, post creation, and editing with a focus on writing clean, maintainable code and following best practices in backend development.

Employee Attrition Predictor
Developed a software called 'Employee Attrition Predictor,' which predicts whether employees will maintain their attendance based on parameters such as marital status, education, and other factors using a machine learning model developed in Python, with the backend built using Java Spring Framework and the frontend implemented with Vue.js for user interface.

Bilgi AILab, *Graduation Project*
Integrated new transformer-based topic modeling and sentiment analysis models into our web application, Bilgi AILab, where researchers can upload their data and leverage various NLP models. We also fine-tuned models with Turkish language support to detect a wide range of emotions such as happiness, anger, fear, surprise, and sadness, enabling emotion-aware and multilingual text analysis.

Customer Sentiment Analysis, *Kuika AI Hackathon*
Developed a customer sentiment analysis project that analyzes comments from Trendyol product pages via web scraping. The backend was built with Python (FastAPI, Selenium) and Ngrok for tunneling, while the frontend was created using Kuika's low-code platform during a hackathon.

Spam Detection Classification
Developed an NLP-based project to classify emails as spam or not, leveraging five different machine learning models. Each model was fine-tuned and evaluated using three distinct datasets to ensure robustness and generalizability. The project focused on model comparison to determine the most effective approach for spam detection.

Skills

Java • **Spring Boot** • **C#** • **.NET** • **Python** • **PostgreSQL** • **Elasticsearch/Kibana** • **Scrum** • **Docker** • **Git** •
Bash • **AWS** — (Learning) • **GitLab** — (Learning) • **NoSQL** • **Shell Scripting**

Languages

English — Professional working proficiency

Additional Information

The references are available and will be provided upon request