



# İrem ABAY

Computer Engineering  
Student

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## Summary

Final-year computer engineering student passionate about web-development, machine learning and software engineering. Experienced in both frontend and backend technologies. Skilled in Agile methodologies with hands-on project experience. Eager to contribute to innovative tech projects.

## Education

**Bachelor's degree – Computer Engineering**  
Trakya University Sep 2021 – Jun 2025

## Language

- English
- German

## Experience

### Software Developer Intern

Jul 2024 – Sep 2024

Lely Turkey Software Development

- Worked on backend development using C# (.NET), implementing APIs and database operations.
- Developed frontend components using Angular, focusing on user-friendly UI and responsive design.
- Gained experience in RESTful APIs, database management, and frontend frameworks.
- Worked in an Agile (Scrum) environment.

## Projects

### CareerLink

A web-based career recommendation system utilizing NLP and machine learning techniques.

- Developed a content-based recommendation system for job matching.
- Built the backend using C# (.NET) and integrated the ML model with Python (NLP techniques, Zemberek library).
- Designed the frontend using React.js, ensuring a modern and responsive UI.

### Only News

A dynamic news application developed using Flutter, Dart and Firebase, designed to provide a seamless user experience.

- Implemented user authentication and registration with Firebase Authentication.
- Designed and developed log-in and sign-up screens, ensuring a responsive and intuitive UI.
- Integrated real-time news data via APIs, allowing users to stay updated with the latest headlines.

### Real Estate Management

A responsive real estate website developed using React.js and Ant Design.

- Designed a modern and user-friendly UI with Ant Design components.
- Implemented property listing, search, and filter functionalities.

## Skills

- Programming Languages: Python, C#, C, HTML-CSS-JavaScript
- Web Development: React.js, Angular, .NET (C#), RESTful APIs
- Databases: PostgreSQL, MS SQL Server
- Machine Learning: NLP, Feature Engineering
- Tools & Methodologies: Git, Agile (Scrum)

## Courses and Certificates

### Machine Learning Summer Camp – Miuul (Aug 2023)

- 6-week training covering Python for Data Science, Feature Engineering, and Machine Learning.

### Stanford University's Code in Place – Stanford University (Jun 2023)

- Covered the first half of CS106A Programming Methodologies, an introduction to programming with Python.
- Learned fundamental programming concepts through a global initiative with 1,000+ instructors.