Berkay Emre Keskin

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EDUCATION

Istanbul Technical University, B.Sc. in Computer Engineering, 2024 – 2026
- **Current GPA: 3.67,** 4th *year*

Gebze Technical University, B.Sc. in Computer Engineering (Transfer), 2021 – 2024
- **Transfer GPA: 3.78,** *Transferred to Istanbul Technical University with GPA*

Ordu Science High School, 2017 – 2021

EXPERIENCE

ASELSAN, Software Engineering Internship, Aug. – Sep. 2025
- *Tech Stack: React, React Flow, Redux, Javascript*
- In my internship, I focused on developing a software solution for visualizing complex company data and analyzing relationships within that data using graph algorithms.
- The primary aim of my project was to create an interactive interface that allows users to easily explore and understand connections among various data entities.

PROJECTS

AtardamAR, Augmented Reality Application
- *Tech Stack: Unity 3D, C#, Vuforia, ZBrush*
- Lead the implementation of a medical application aimed to help and create assist to medical students.
- Designed and implemented 3D organ models for deployment within an augmented reality framework.
- Took the **4th** place at Teknofest Technology for Humanity Competition.

ITUBNB, Accommodation Booking Web Application
- **Tech Stack:** React.js, Python (Flask), MongoDB Atlas, Gemini API
- As a team of 5, we created a full-stack web application for listing, searching and booking short-term rental properties.
- Designed a smart AI-powered search engine that enables users to find homes using natural language descriptions instead of manul filters.
- This project enhanced my knowledge about full-stack development, integrating Large Language Models (LLMs) into real-world applications, and building scalable RESTful APIs.

Footy, Footballer Tracking Web Application
- **Tech Stack:** Node.js, Express.js, MongoDB, React.js
- Created a web application for football players to track and analyze their performance.
- Designed special algorithms to determine players weaknesses and strengths.
- This project enhanced my knowledge about backend systems, user authentication, CRUD operations and frontend design.

MoviMovi, Movie Review Web Application
- **Tech Stack:** Python (Flask), HTML, CSS, Javascript, MySQL
- Developed a movie review platform for searching films, managing watchlists, posting reviews, and connecting with friends.
- In this project, I improved my technical skills such as SQL, database design, routing, user authentication and frontend design.

SKILLS AND INTERESTS

Coding Skills: Knowledge in **C, C++, Python, Javascript, Node.js, React.js, MySQL, MongoDB, HTML, CSS, Firebase**
Languages: Turkish (native), English (PTE Academic: 68)
Volunteering: Volunteered at CYDD in 2023 for 4 months
Interests: Football, Movies, 3D Design