



Ibrahim Aybars Onurlu

Date of birth: 23/05/2005 | Gender: Male | Nationality: Turkish | Email address: aybarsonurlu@gmail.com | LinkedIn: [Aybars Onurlu](#)

Education & Training

Software Engineering, B.Sc. 18/08/2024 – Current

Ankara University | Ankara, Türkiye

Advanced Programming Techniques and Data Structures

Applied Mathematics and Engineering Computations (Numerical Analysis, Linear Algebra, Differential Equations)

Software Development Life Cycle, Algorithm Design, and Project Management

Artificial Intelligence Fundamentals and Applied NLP / ASR

Level in EQF: 6

Projects

Terabot (AI-Supported Psychological Counseling Platform) 01/11/2024 – Current

AI-supported digital psychological counseling and mental health tracking platform developed for the Teknofest 2025 Technological Applications in Psychology Competition. It functions as a mobile-based digital assistant that evaluates mental health using scientific tests and advanced AI algorithms.

Cynosura (Safe Trip) 01/02/2026 – Current

AI-powered travel routing application focused on safe tourism, developed using AWS, OpenStreetMap, and React Native.

Whisper ASR Fine-Tuning 01/10/2025 – 30/04/2026

Fine-tuned the OpenAI Whisper model for Turkish-English code-switched speech recognition, optimizing the Word Error Rate (WER) and reducing VRAM usage for local deployment.

Skills

- Docker
- Git
- Kubernetes
- Amazon Web Services (AWS)
- Natural Language Processing
- Python
- Problem Solving
- Analytical Thinking
- Teamwork
- Agile project management

Language Skills

- **Turkish:** Mother tongue
- **English**
 - Listening: C1
 - Reading: C1
 - Spoken production: B1
 - Spoken interaction: B1
 - Writing: B2