

Anıl Demirok

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EDUCATION

Marmara University, B.Sc. in Computer Science, English

Graduation: Jan 2026

EXPERIENCE

UESTCO Energy Systems - Istanbul, Turkey

Software Engineer Intern

Jul 2025 – Aug 2025

- Built scalable backend services using ASP.NET Core with an N-layer architecture, implementing asynchronous CRUD operations for efficient data handling
- Implemented secure user authentication and authorization with JWT
- Collaborated on frontend and backend tasks, gaining hands-on experience with full-stack development

Eryaz Software - Istanbul, Turkey

Software Engineer Intern

Sep 2025 – Nov 2025

- Supported a **production legacy web application** built with **ASP.NET (.NET 4.0), ASPX, AJAX, and JavaScript**
- Independently handled **customer support tickets** after handover from a senior developer, delivering bug fixes and minor enhancements under supervision
- Gained experience with **legacy systems**, backward compatibility, and technical debt management

PROJECTS

Burn Image Classification using Machine Learning - Final Year Project | Marmara University 2024–2025

- Developed a medical image classification system using machine learning algorithms and pretrained models, achieving **94% accuracy** on burn injury datasets
- Preprocessed images with **Cr/Luv color transformations** and **Fuzzy C-Means clustering** to enhance feature extraction
- Compared multiple ML algorithms and CNNs, evaluating performance with accuracy, precision, recall, and confusion matrices
- Presented results to academic reviewers

MyChronicle — Media Tracking Web Application

- Built **MyChronicle**, a full-stack media tracking web application enabling users to manage personal media libraries and notes using data from **AniList** and **TMDB**
- Developed a **FastAPI** backend with **Pydantic**, implementing **JWT-based authentication**, secure cookie storage, and MongoDB **CRUD operations**
- Integrated structured logging with **Structlog** and configured **CORS middleware**
- Built a responsive **React** frontend using **Tailwind CSS**, **Axios**, **TanStack Query**, and **React Router DOM**
- Dockerized** and deployed the application using **Google Cloud VM (e2)**, **Nginx**, and **Cloudflare**, managing secure production deployment at **linazze.com**

Other Projects

- Applied machine learning algorithms for clustering and classification tasks
- Designed and implemented a relational database using **MSSQL Server** from real-world company Excel data

SKILLS

Languages: Turkish (Native), English (Fluent)

Programming Languages and Frameworks: Java, Python, C#, SQL, TypeScript, React, FastAPI, Pydantic, TanStack Query, Tailwind CSS, ASP.NET Core, TensorFlow, scikit-learn, Pandas

Databases: MongoDB, MSSQL, PostgreSQL, Redis

Cloud & DevOps: Docker, Google Cloud Compute Engine, Nginx, Cloudflare, Linux

Tools: Git, GitHub