



AHMET AYGÜN

Software Development Engineer

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🌐 Portfolio

PROFILE

I am a fast learner with a strong passion for continuous improvement and adaptability across diverse technologies. Experienced in Java, PHP, JavaScript, React, C, and Python, I have successfully delivered multiple projects using modern frameworks such as Laravel and Spring Boot. I also have hands-on experience in mobile application development with Flutter and AI-focused projects utilizing Python, where I achieved notable success and recognition. Additionally, I possess strong expertise in software testing, including API testing, performance testing, and bug tracking, which has enhanced my problem-solving abilities and reinforced best practices in software development.

PROFESSIONAL EXPERIENCE

- 2024/07 - 2024/09
İstanbul, Turkey

Intern
TAV Technologies
 - Worked on the Ground Handling Suit (GHS) and Realtime projects.
 - Participated in sprint planning, test case writing, and bug reporting using Jira and Xray.
 - Gained hands-on experience in API testing (Postman), performance testing (JMeter), functional and exploratory testing.
 - Contributed to team operations such as task prioritization and feedback meetings.
- 2023/03 - 2023/08
İstanbul, Turkey

Intern
Kle Information Technologies
 - Participated in teamwork, learning about team dynamics and office environment.
 - *Acquired knowledge on Rest APIs, Laravel, PHP, JavaScript, HTML, CSS, Bootstrap, and MySQL.*
 - *Utilized these technologies in projects, enhancing skills and experience.*

EDUCATION

- 2022 - 2025
Malatya, Turkey

Bachelor of Science Software Engineering, Malatya Inönü University
- 2021 - 2022
Malatya, Turkey

Bachelor of Science Software Engineering, Malatya Turgut Ozal University

COURSE & CERTIFICATES

- SistersLab

BackEnd Development with Java Academy - 72 Hours | January - March 2024
- SistersLab

QA Test Training | QA Test Academy - 60 Hours | June - September 2024

SKILLS

Language	Frameworks	Databases	AI/ML	Others	Testing & Tools:
<ul style="list-style-type: none">• Java• Php• JavaScript• React• Flutter• Python	<ul style="list-style-type: none">• Spring• Laravel• TensorFlow• Keras• NumPy• Scikit-learn• Pandas	<ul style="list-style-type: none">• PostgreSQL• MySQL• Firebase	<ul style="list-style-type: none">• CNN• MFCC• Deep Learning• Data Preprocessing• Data Augmentation• Model Evaluation & Metrics• Feature Engineering	<ul style="list-style-type: none">• Docker• Git	<ul style="list-style-type: none">• Jira, Xray• Test case creation and execution• Bug tracking and reporting• API testing (Postman)• Performance testing (JMeter)• Functional, usability, and exploratory testing

VOLUNTEERING

2021 - 2023 | Intelligent Systems and Defense Technologies Community (ASİST) Malatya
Turgut Ozal University, vice president

AWARDS & ACHIEVEMENTS

TÜBİTAK 2209-A Project Acceptance – BebeFon Project (2024)

Accepted and funded by TÜBİTAK under the 2209-A University Students Research Projects Support Program.

Anatolian Universities Association 4th R&D Project Fair – 2nd Place (2025)

Achieved 2nd place among 493 projects with the BebeFon project.

TEKNOFEST 2025 – Engelsiz Yaşam Teknolojileri Category – Finalist

Selected as a finalist with the BebeFon project in the “Accessible Life Technologies” category of TEKNOFEST 2025.

LANGUAGES

Turkish Native Language	English	Listening B1	Reading B1	Writing B1	Speaking B1
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REFERENCE

The information will be forwarded when necessary.

PROJECTS

BebeFon – Smart Baby Cry Detection System

Purpose: A mobile application that helps parents, especially those with hearing impairments, by detecting baby cries using AI-based sound recognition and sending visual/vibration notifications. Developed using CNN and MFCC for sound analysis.

FitTrack – Diet and Health Tracking System

Purpose: A web-based platform designed to help users track their diet plans, monitor health parameters such as blood pressure, blood sugar, and cholesterol, and communicate with dietitians. Developed using React, Spring Boot, and MySQL.

Movie-Buddy-SpringBoot

Purpose: This project aims to develop a movie-watching application using Spring Boot, helping to understand basic CRUD (Create, Read, Update, Delete) operations. It also provided experience in relational database management and RESTful web services.

Laravel-http-client-crud

About: This project utilizes Laravel's HTTP client to perform GET, POST, DELETE, and PUT operations on an API. The backend operates on port 8000, with the repository available at Laravel HTTP Client CRUD.

Laravel CRUD with Token Authentication

About: A CRUD application that uses Laravel's API for user registration and login, allowing for product addition, deletion, editing, and listing functionalities.

CI/CD Pipeline Automation with Docker, Jenkins, and GitHub

About: Implemented an automated CI/CD pipeline for Maven-based projects using Docker, Jenkins, and GitHub integration. Ensured seamless deployment by triggering builds automatically on code commits.

Technologies: Docker, Jenkins, GitHub Actions, Maven, Linux Shell