



ALİHAN ÇELİK

COMPUTER ENGINEER

alihancelikk03@gmail.com

0 555 037 66 29

<https://github.com/AlihanCelik>

<https://www.linkedin.com/in/alihan-%C3%A7elik-081616248/>

EDUCATION

Karadeniz Technical University Computer Engineering

GPA: 3.45 / 4.00 (Ranked 4th in the Department)

2021 - 2026

SKILLS

- Mobile Development (Android & Cross-Platform):
 - **Languages:** Kotlin, Java, Dart
 - **Architectures & Design Patterns:** Clean Architecture, MVVM, MVI
 - **Modern Tools & Libraries:** Jetpack Compose, Coroutines, Dagger Hilt, Retrofit, Room, Paging 3, DataStore Preferences
 - **Cross-Platform:** Flutter
 - **Platforms & Services:** Firebase, Google Play Store & App Store Publishing Processes
- Backend & Web Development:
 - **Languages:** C#, Python
 - **Frameworks & Technologies:** Java Spring Boot, ASP.NET (MVC, Core, Web API), Python (Flask/FastAPI)
 - **Database & ORM:** PostgreSQL, Dapper ORM
 - **Messaging & Communication Protocols:** RabbitMQ, WebSocket (STOMP)
- AI & Data Processing:
 - Natural Language Processing (NLP- BERTurk models)
 - Sentiment Analysis (Positive/Negative notification integration)
- Development Tools & Version Control:
 - Android Studio
 - Git, GitHub

LANGUAGES

- English *B1 Level*

REFERENCES

Mücahid Doğan

Android Developer at Turkish Airlines

- 05446612544
- mucahidd3@gmail.com

PROFESSIONAL SUMMARY

I graduated from Karadeniz Technical University with a degree in Computer Engineering. Throughout my academic life, I have continuously improved myself in software development by adopting various technologies and modern engineering approaches. Combining my theoretical knowledge with practical projects, I strengthened my team management and leadership skills by serving as the President of the Mobile Application Development Committee at our university's Computer Engineering Club. In addition, I have constantly broadened my vision by actively participating in industry events, technical organizations, and workshops. For me, engineering is not just about writing code; it is about building high-quality, solution-oriented systems that benefit society. Rather than focusing solely on the outcome, I attach great importance to the high quality of both the development process and the final product. Keeping my curiosity for learning alive in the ever-changing technology ecosystem, I aim to be a part of large teams, play active roles in scalable projects, and add value to technologies that touch the lives of broad audiences.

WORK EXPERIENCE

● INTERN

ELASOFT (July 2024 – August 2024)

Took an active role in the backend architectures and service development of web-based corporate projects.

Technologies: ASP.NET MVC, C#, ASP.NET CORE, DAPPER ORM, ASP.NET Web API.

● INTERN

Orion Innovation Turkey (July 2025 – September 2025)

Participated in the development processes of corporate projects by working on modern mobile application architectures.

Technologies: Kotlin, Jetpack Compose, Firebase.

● FREELANCE

Mobile Application Developer (Teamwork) (2022 – 2025)

Designed need-oriented and user-friendly mobile solutions by managing end-to-end application development processes collaboratively with my teammates.

Took an active role in peer code reviews and task distribution, delivering projects with a highly productive teamwork discipline.

Technologies: Mobile Development Tools, Git/GitHub, Team Management.

PROJECTS

● MESSAGING APP WITH SENTIMENT ANALYSIS (AI CHAT) – UNDERGRADUATE GRADUATION PROJECT

A comprehensive instant messaging platform where users can securely interact through their friend lists, performing real-time sentiment analysis from message contents using BERTurk-based NLP models. Developed both mobile and backend processes end-to-end by integrating web-based instant communication, microservice architecture, and AI services.

Technologies: Kotlin (Jetpack Compose, MVVM, Clean Architecture, Dagger Hilt, Retrofit, Room), Java Spring Boot, Python (Flask/FastAPI), WebSocket (STOMP), RabbitMQ, PostgreSQL, Firebase.

● FEDERATED PHISHING DETECTION SYSTEM

A federated AI system that performs local on-device email analysis while preserving data privacy and prevents label-flipping attacks using hybrid defense algorithms.

Technologies: Python, TensorFlow, Keras, Flower (flwr), GloVe, BiLSTM, NLTK, NumPy, Pandas, Matplotlib.

● DEPREMELİ – TEKNOFEST

A user-centric emergency mobile application aimed at ensuring user safety and crisis communication during an earthquake, developed for Teknofest with the "Mobilginers" team, which I led.

Technologies: Firebase, Retrofit, Kotlin Coroutines.

● NOTEOR (GOOGLE PLAY)

A user-friendly note-taking application published on Google Play, offering password protection, reminders, and customizable interface options.

Technologies: Room Database, Kotlin Coroutines, Retrofit.

● CALCULATION HUB (GOOGLE PLAY)

A comprehensive calculator application available on Google Play, featuring versatile tools such as finance, health, and unit conversion alongside basic and scientific mathematical operations.

Technologies: Room Database, Kotlin Coroutines, Retrofit.