



# AZRA ÇELİK

## COMPUTER ENGINEERING STUDENT

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### ABOUT ME

As a senior Computer Engineering student at Bahçeşehir University, I focus on developing modern Android applications using Kotlin and Jetpack Compose. I aim to deliver innovative solutions by combining my technical discipline with a strong interest in AI integrated applications and a passion for game development using Unity.

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### EDUCATION

**Bahçeşehir University**  
Computer Engineering (%100 Eng.) 2021 - 2026 (Exp.)

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### EXPERIENCE

**Orion Innovation**  
*Android Developer Intern* Feb - Jun 2025

- Performed bug testing and debugging on a Real-time Messaging Application.
- Fixed issues and contributed to feature development using Kotlin and Android Studio.
- Collaborated in an Agile team environment with Git version control. (Kotlin, Jetpack Compose)

**Auto Train Brain**  
*Mobile Application Developer Intern* Jul - Aug 2024

- Developed an MVP for a brain health monitoring application integrated with ChatGPT API to provide personalized AI driven insights. (Java, XML, Firebase)

**Bahçeşehir University**  
*Engineering Faculty Student Assistant* Sep - Dec 2023

- Solved the course selection issues for both domestic and foreign engineering faculty students.
- Assisted with the paperwork processes in the internal functioning of the faculty.

*Corporate Communication Student Assistant* Jul - Aug 2023

- Mentored prospective students during the university admissions period, providing detailed information about the Computer Engineering department.

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### PROJECTS

#### Journey

- Engineered an accessible Android application tailored for users with dyslexia, featuring specialized exercise modules for reading, writing, and memory enhancement.
- Integrated and fine-tuned an AI-powered conversational assistant (ChatBot/TestBot) capable of retaining context to provide personalized educational support and answer user queries.

(Java, XML, OpenAI API)

#### Todo

- Designed and implemented a relational database architecture using SQL, successfully handling complex CRUD operations for robust data management.

(SQL, Kuika Low-Code)

#### Log Analyzer

- Engineered a high-performance C++ console application to parse large web server log files using chunk-based buffered reading for memory optimization.

(C++, Custom Hash Table, Sorting Algorithms, File I/O)

#### Chat App

- Architected a decentralized P2P desktop chat application supporting dynamic selection between TCP and UDP transport protocols for versatile message transmission.

(Python, Socket Programming, Cryptography, Multithreading)

## CERTIFICATIONS

<b>Udemy</b> Android Mobil Uygulama Geliřtirme Eđitimi   Kotlin	<i>Ongoing</i>
<b>BTK Academy</b> <u>Versiyon Kontrolleri: Git ve GitHub</u>	<i>Feb 2026</i>
<b>Udemy</b> <u>Beginning C++ Programming - From Beginner to Beyond</u>	<i>Nov 2024</i>
<b>BauGO &amp; YapıKredi &amp; CIFAL &amp; UNITAR</b> <u>Teknolojide Fırsat Eřitliđi</u>	<i>Mar 2024</i>
<b>Udemy</b> <u>C# İle 25 Derste 25 Uygulamalı Proje</u>	<i>Sep 2022</i>
<b>Udemy</b> <u>Uygulama Geliřtirerek C# Öğrenin: A'dan Z'ye Eğitim Seti</u>	<i>Apr 2022</i>

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## SKILLS

- Kotlin, Java, C++, C#, SQL
  - Android Studio, Unity, Visual Studio
  - Jetpack Compose, XML, Firebase
  - OOP, Data Structures and Algorithms
  - Agile Methodology
  - Git & GitHub
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## LANGUAGES

- Turkish - *Native*
- English - *Upper Intermediate*
- German - *Beginner*