

# Aykut Sert

Jr. Software Developer

## PROFESSIONAL EXPERIENCE

### Intern - ÖLÇSAN TEKNOLOJİ A.Ş.

June 2023 - Aug 2023

I made a Windows Form application that uses RFID cards to record employee entries and exits. The application has a user-friendly interface and includes features such as personnel management, timestamping, reporting. In this way, personnel tracking of the enterprise becomes easier, security is ensured and efficiency is increased.

### Intern - RovioSoft Software

June 2022 - Aug 2022

As a Software Development Intern at RovioSoft, I had the opportunity to develop an e-commerce site with modern technologies such as ASP.NET Core and Entity Framework. Additionally, I gained experience in database design and management, developed user interface with HTML, CSS and JavaScript on the frontend and exchanged data via RESTful APIs

## PROJECTS

### Chat Application (Android)

**Development Environment:** Android Studio, Java

**Technologies:** Firebase Auth, Firestore Database, Cloud Messaging

**Features:**

- Used Firebase Auth for user authentication and registration.
- Firestore Database and Cloud Messaging were integrated to transmit messages between two devices in real time.
- A user-friendly and secure chat experience was provided.

### Virtual Strike: <https://www.virtualstrike.tech/>

Virtual Strike is a shooting game designed to be played using **VR (Virtual Reality)** glasses and a specialized aiming device. The core objective of the project is to provide players with an interactive gaming experience where their real-life movements directly impact their in-game actions. By leveraging technologies such as Unreal Engine, VR headsets, Arduino for the aiming device, Node.js for server-side development, and Bluetooth for device connectivity, Virtual Strike aims to blur the lines between physical and virtual reality.

**My Role:** Focused on game development using **Unreal Engine** and worked on the **Android Studio** side for the VR application.

### Gymhouse Web Application | RestApi, C# , Asp.Net , MySQL, Git

This project involved the development of a full-stack web application for Gymhouse, aimed at managing gym operations efficiently. The application covers both frontend and backend development to create a comprehensive and functional web application for gym management.

**My Role:**

- Designed UI using Figma. Designed and implemented the frontend using HTML, CSS, JavaScript, and Bootstrap.
- Developed the backend using ASP.NET Core. Created and managed the MySQL database.
- Integrated the frontend with the backend via RESTful APIs. Implemented user authentication and authorization. Wrote and maintained project documentation.

## TECHNICAL SKILLS

**Languages:** Java, C/C++, C#, Python, SQL, JavaScript, Html/Css/Bootstrap

**Frameworks & Libraries:** Spring Boot , Hibernate , Spring jwt auth, .NET, EntityFramework , REST API , Firebase (Firestore Database, Authentication, Cloud Messaging)

**Developer Tools:** Maven, Android Studio

## EDUCATION

Gebze Technical University

- Computer Engineering 4th
- One year university english preparation school
- American English B1-B2 certificate

## CONTACT

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### Small Projects on my github:

- **Github:** <https://github.com/aykutssert>
- **Linkedin:** <https://www.linkedin.com/in/aykut-sert-9139211b9/>