

# Ahmad Saad

 [github://Ahmad-Saad](https://github.com/Ahmad-Saad)



(+91)9170686263  
kasaad1609@gmail.com  
[linkedin/ahmad-saad](https://linkedin.com/in/ahmad-saad)

## PROJECTS

### Version Control System Like GIT, (Demo Video)

- Developed a robust CLI Version Control System in **C++** (utilizing OOP, vectors, and maps) to manage versioning seamlessly.
- Implemented essential features like branches, merging, and stash. Created an intuitive **Python** GUI with **PyQT5** for easy file staging.
- Designed a visually appealing representation of branch merging using **HTML, CSS, and JavaScript**.

### ChatApp, (Demo Video)

- A real-time messaging platform built with **Next.js** for the front end and **Node.js** with **Express** for the backend. It uses **Socket.IO** for real-time communication, **PostgreSQL** for data storage, and **Redis** for caching, ensuring a seamless user experience.

### AR Basketball, (Demo Video)

- Crafted an AR basketball shooting game using **Unity 3D** and **ARCore**, focusing on realistic UI/UX and gameplay.
- Used **Blender** to create basic models of the basketball and hoop

### Car Game with Health-Bar and Health Pickups, (Demo Video)

- Developed an immersive **Unity 3D** car game, navigating through obstacles with a dynamic health-bar system.
- Implemented health pickups using **C# scripting** for enhanced gameplay experience.

## EXPERIENCE

### **Machau Games, — Game Developer**(Jul, 2023 - PRESENT)

Crafted a dynamic car racing game with a health bar using **Unity 3D** and developed an email automation system with **Python**.

### **ARIES, IITR — Recruitment Project**(Apr 2023 - May 2023)

Utilized **Unity 3D** and **ARCore** to create an AR Basketball game, incorporating **Vuforia** and **ARCore** for marker-based implementation.

## SKILLS

**Languages:** C++, C#, Javascript, Lua, Python.

**Technologies:** Unity Engine, Git, GitHub, Linux, MULTISIM, WS L, MATLAB, VSCode, Vuforia, Redis, ORM, Socket.io, Prisma, Tailwind, Next.js.

**Concepts:** Augmented Reality, Game Development, Object Oriented Programming, Version Control, Competitive Programming.

## EDUCATION

### **Indian Institute of Technology Roorkee, Uttarakhand — Bachelors(BTECH)**

Oct 2022 - Dec 2026

Electrical Engineering

## Hobbies

Playing Table Tennis, Learning computer graphics, Drawing & Sketching.