

# Jayant Asudhani

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## Education

**B.Tech in Information Technology**, *Indian Institute of Information Technology Vadodara* 📍

2020 – present | Gandhinagar, Gujarat

**Secondary and Senior Secondary**,  
*Airport School Ahmedabad* 📍

2017 – 2019 | Ahmedabad, Gujarat

## Skills

**SOFTWARE TOOLS and DEVELOPMENT** (Unity Engine, Augmented Reality, Vuforia, Spark AR),

**PROGRAMMING LANGUAGES:** (C, C++, C#, Java, MySQL, JavaScript),

**NON TECHNICAL SKILLS:** (Problem Solving, Creativity, Time management, Teamwork, Critical Thinking),

**GAME DEVELOPMENT** (UNITY 3D, Unreal Engine)

## Experience

**Research Internship on AR Labs**, *Under Dr. Pramit Mazumdar Assistant Professor at IIITV*

05/2022 – 07/2022

During this internship, I made a few apps that our institute is using as part of the curriculum for conducting laboratory sessions.

**AR/VR Lead at Google Developer Student Clubs IIITV**

08/2022 – present

I introduced this domain to many students and conducted a few workshops for the students of IIITV based on AR-VR development.

**Teaching Assistant at IIITV**,  
*for Problem Solving Lab*

12/2022 – present

In this role, I have to conduct laboratory sessions for freshers on Computer Programming and Problem Solving. These session helps me to clear my basics by solving the doubts of students.

## Projects

**Elastic Collision - AR Lab** 📄

06/2022

**Unity3d, Vuforia SDK, Firebase**

It shows the working of an AR-based simulator of a physics lab experiment, Elastic Collision. It also has a login/register system to maintain records of the students for the teacher.

This app not just provides exact velocities of the objects after the collision but, it also helps the student to visualize it properly by viewing the collision from any angle in augmented reality

**Laws of Reflection - AR Lab** 📄

05/2022

**Unity3d, Blender, Vuforia SDK**

The app helps to simulate and learn the laws of reflection while performing it in Augmented Reality.

The primary motive of this app is to help the students to strengthen their concept by performing the labs anywhere without any actual equipment

**AR-Visualizer** 📄

02/2022

**Unity, Vuforia SDK**

It's a marker-based-AR application that helps in better visualization with the help of Augmented Reality.

It includes teaching 5-6 essential sorting algorithms like insertion sort, merge sort, and many more.

## Hobbies

Freelancing • Video Editing

Playing Games • Game Development