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## **Profile Summary**

AR/VR Content Developer & Trainer with 2+ years of experience in Unity & AR/VR development and 5+ years of teaching & mentoring. Skilled at delivering engaging, project-based workshops in AR/VR Development. Passionate about making students learn by doing and helping them build projects.

# **Teaching & Mentorship Experience**

**Private Tutor, College Mentor & Technical Guide :** Computer Science, and programming basics to high-school students; trained 50+ college students in programming and emerging technologies; mentored interns in AR/VR workflows.

### AR/VR Content Developer – SimInsights Inc. Hyderabad

July 2024 – Present

- Developed immersive simulations across education, healthcare, manufacturing, robotics, business, and hospitality, with cross-platform deployment for MR, VR, desktop, Android, and iOS.
- Collaborated with 3D designers to create detailed simulations, overseeing testing and contributing to QA for quality control.
- Authored educational simulations to enhance learning outcomes and skill development.
- Worked effectively in diverse teams, ensuring high-quality simulations and timely project delivery.

## **Unity AR Developer – Divine Lab, IIT-Delhi**

**Aug 2022 – April 2023** 

- Collaborated with a team of UI/UX designers to create a suite of **AR-based apps** under the aegis of IIT Delhi for preprimary school children and delivered to CSC Bal Vidyalaya.
- Completed user research to identify potential features that can be implemented in the app.
- Coordinated with a group of designers to create custom **alphabet marker** booklets and **3D models** for the apps.
- Worked with students and teachers of CSC Bal Vidyalaya to test the prototype apps and collected feedback to improve the prototypes.

#### Unity AR Intern – Divine Lab, IIT-Delhi

March 2022 - July 2022

- The project's aim is to study the application of immersive technology in early childhood development. .
- My role in this study is to systematically investigate and develop mobile applications in which augmented reality (AR) can be used to support school education, aimed at students aged 3-6.

## **PROJECTS**

**Alphabets\_in\_AR:** It is an Augmented Reality app which focuses on augmenting 3D models by scanning related to alphabet marker, creating an engaging learning experience. Developed three versions:

- Version 1: (English Alphabet) YouTube Demo | GitHub
- Version 2 (Hindi Varnamala): YouTube Demo | GitHub
- **Version 3** (Multi-Model Alphabet): Shows multiple 3D models for each letter (e.g., A → Airplane, Arrow, Astronaut, Axe) <u>YouTube Demo | GitHub</u>

#### **Animal AR**

- The Augmented Reality Animal Interaction App is an innovative and engaging application that brings a variety of 3D animals to life through augmented reality technology.
- Users can interact with 12 different animals by pointing their device's camera at specific image targets, providing an immersive experience with realistic animations and behaviours. Youtube Demo(Playful Rabbit)

#### **SKILLS**

- Software: Unity 3D, Visual Studio
- XR Technologies: Augmented Reality, Virtual Reality, Mixed Reality
- Language: C, C#, Core Java, HTML, CSS
- AR/VR Tools & Devices: Vuforia, AR Foundation, AR Core, Oculus quest 2 & 3
- **Version Control**: Git, GitHub

### **EDUCATION**

**Master of Computer Application** 

July 2019 -May 2022

Mahatma Jyotiba Phule Rohilkhand University, Bareilly, Uttar Pradesh GPA: 8.7