



# Tanmoy Ghatak

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## EXPERIENCE

### **Immerselearn, Kolkata — Senior Game Developer**

July 2024 - Nov 2025

Gained extensive hands-on experience developing VR-based simulation projects designed to train users in both technical and soft skills. These simulations demanded a strong focus on accuracy and precision to ensure realistic and effective learning experiences. Working within tight deadlines, I learned to balance quality with efficiency, optimizing both the technical performance and instructional value of each project to meet client and training objectives.

### **VR GAME DEVELOPER MEDVR EDUCATION, Kolkata — Senior Game Developer**

July 2022 - Jan 2024

Focused on building immersive VR game simulations using Unreal Engine and C++, applying Unreal's Blueprint visual scripting system to craft interactive and engaging gameplay elements. Collaborated with cross-functional teams to deliver user-focused experiences and was promoted for consistent performance, technical excellence, and creative contribution to multiple high-quality projects.

### **VR GAME DEVELOPER MEDVR EDUCATION, Kolkata — Junior Game Developer**

July 2022 - July 2023

Specialized in leveraging Unreal Engine and C++ to create immersive VR game simulations, utilizing Unreal's Blueprint visual scripting system to design engaging gameplay experiences and collaborating with multidisciplinary teams to enhance user engagement and overall experience.

### **ELDC(E-LEARNING DESIGN CENTER), Kolkata — INTERN Game Developer**

Jan 2022 - July 2022

Assisted in developing e-learning content and VR applications,

## SKILLS

AR/VR Developer  
3D Interaction Designer.  
Unreal Tools Engineer  
Simulation Developer  
Virtual Production Artist  
XR Developer

## PROGRAMMING LANGUAGES

C ,C# ,C++ ,python, Java

## COURSES AND CERTIFICATES

- Unreal Engine 5 for Beginners: Building a tiny Resource Game:<https://www.udemy.com/course/unreal-engine-5-for-beginners-building-a-tiny-resource-game/?couponCode=MT25110G2>
- Unreal Engine 5 C++ Game Development (Fully Updated in 5.6):<https://www.udemy.y.com/certificate/UC-2a851a70-bac0-4910-a6be-2c5a7136fb44/>
- Learn C++ for Game Development:<https://www.udemy.com/certificate/UC-3be91bd9-81de-46dd-9c94-da1bc12d5451>
- Unreal Engine 5 C++ Multiplayer: Make An

gaining hands-on experience in game design and interactive media while contributing to multiple projects that enhanced both technical and creative skills.

## EDUCATION

### **JIS College of Engineering, Kalyani — Bachelor of Engineering in Electronics and Communication**

2017 - 2022

### **Sanskrit Collegiate School, Kolkata — High school**

## PROJECTS

I have created and contributed to a variety of projects, including VR simulations for my organization as well as standalone games for PC and Android platforms. My experience spans multiple engines — from developing WebGL projects and small-scale multiplayer games in Unity to working with Niagara particle systems in Unreal Engine. For a detailed look at my work, please visit my portfolio website.<https://tanmoy34.github.io/>

Online Co-op Game:<https://www.udemy.com/certificate/UC-a03cf8fb-aa36-49c2-ac00-0f6c2cdc02bf/>

- Unreal Engine 5 C++: Make Your Own Action Combat Game:<https://www.udemy.com/certificate/UC-71a48222-5ad5-4f87-979b-ca13c7123554/>