



SHUBHAM KUMAR MAURYA

Virtual Reality developer and artist (postgrad)

Portfolio <https://yesitsskm.github.io/portfolio/>

MoCap Demo https://youtu.be/_hRB7bginOO

CGI Showreel https://youtu.be/5spc8K_TMJY



yesitsskm@gmail.com



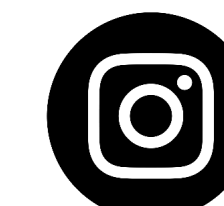
linkedin.com/in/yesitsskm



github.com/yesitsskm



Parallax - Films & Animations



@plx.films

INTRODUCTION

I'm a Virtual & Augmented Reality postgrad with Computer Science & Engineering (undergrad) background and application design / development skills that focus on a better user experience along with efficient problem solving skills. Furthermore, I have a strong inclination towards visual arts & story-telling.

EDUCATION

Postgraduate

MSc Virtual & Augmented Reality
Goldsmiths, University of London
(2021 - Present)

Undergraduate

Bachelor of Technology (B.Tech)
Computer Science & Engineering
(2017 - 2021)
KIIT University, Bhubaneswar
CGPA: 8.64/10

SKILLS

Unreal Engine

Blueprints, Materials & Terrain building,
Development & Deployment for PC.

Unity3D

C#, Unity XR Toolkit, Development &
Deployment for PC, Android, Apple/
iOS, Web.

Motion Capture (OptiTrack)

Full body motion capture, data clean-
up, assignment, rig retargeting

C/C++

5+ years experience (v 11/14), STLs,
GraphViz, and Now learning UE5 C++

Data Structures & Algorithms

Searching/Sorting, Trees, Procedural
Generation, Graph Algorithms, Arrays/
String manipulation, Bit manipulation

VR Headsets

Oculus Rift 2, Quest 1/2, HTC Vive, Vive
Pro

Blender

3D Modeling & Animation

PROJECTS

PARKOUR MOVEMENT SYSTEM • Unreal Engine (Character Controller - Blueprints)

<https://github.com/YesItsSKM/Parkour>

Full-body first-person parkour movement
system that can be used as the core movement
system for future games.

BLACKHOLE DEMO • Unreal Engine (Blueprints)

<https://github.com/YesItsSKM/Blackhole-Demo-UE4>

Simple physics-based blackhole that attracts objects.

ARACHNOPHOBIA THERAPY • VR (Unity 3D)

<https://github.com/YesItsSKM/Arachnophobia-Therapy-VR/>

A project that takes a friendlier, and a more easy-going
progressive approach to treating Arachnophobia (the fear of
spiders).

KITCHEN CUSTOMIZATION • VR (Unity 3D)

<https://github.com/YesItsSKM/VR-Kitchen>

Immerse yourself in a virtual kitchen and customise the
wood, ceramic, and knob handles' material.

ALIEN HITTING GAME • VR (Unity 3D)

<https://github.com/YesItsSKM/VR-Alien-Game>

VR Group project - A fun and easy game where you throw
balls at aliens to destroy them. (in VR)

A DAY OUT WITH SHERLOCK • AR (Unity 3D)

<https://github.com/YesItsSKM/AR-Project-Sherlock>

AR group project - Find hidden objects in the AR crime
scene.

PROCEDURAL CITY GENERATOR • (Unity 3D)

<https://github.com/YesItsSKM/Procedural-City-Gen>

Procedural city generation using L-System.

MAZE • Unity 3D First-Person Game

<https://yesitsskm.itch.io/project-maze>

Experience the thrill and frustration of being in a maze and
solving it with the help of some tools and your maze solving
skills.

PROCEDURAL TREE GENERATOR • Unity 3D

<https://yesitsskm.itch.io/l-system>

A simple but effective software implementing L-Systems
using a handy GUI.