



# Ayush Rathore

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I am a dedicated and detail-oriented programmer with 3+ years of experience in Unreal Engine and a beginner in Unity3D. I have a passion for game development and enjoy working on complex projects that challenge me to learn and grow as a developer. I am skilled in both C++ and blueprint programming and have experience working on projects from conception to completion.

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## Educational Background

**Netaji Subash University of Technology(NSUT)**  
Bachelor of Technology (B.Tech)  
Electrical Engineering  
2020-2024

**St. Xavier's Senior Secondary School**

CBSE (Class XII)  
Completed in 2019  
CGPA- 8.2% with excellence in  
Mathematics(91/100 in CBSE boards)

CBSE (Class X)  
Completed in 2017  
CGPA- 8.0%

## Skills & Proficiencies

- **Programming Languages:** C, C++ (Master), Simulink (Beginner), Python, Data Structure and Algorithm.
- **Scripting Languages:** Python (Intermediate), SQL, MATLAB(Intermediate) and Database Management System.
- **Interpreted Language:** LT Spice (Beginner)
- **Game Dev. Softwares Used:** Unreal Engine 4.27 and later, Blender, Unity(Beginner)

## Work Experience

**Unreal Engine C++ Programmer**  
Epoch Games(105 W 4th St Ste 600 Winston-Salem, NC 27101)  
Sep 2022 to Present  
Implemented gameplay features such as AI, player movement, and collision detection.Utilized the Unreal Engine 4 to create highquality visuals and audio.

**Unreal Engine Developer(Intern)**  
Singularity (Singapore)  
Jan 2023 to Mar 2023  
Worked on creating plugin through which wallet can be added to any user specific game and keep track of transaction while maintaining security measures too.

**Virtual Reality Development Intern**  
CSKA Automation Services Pvt Ltd  
Aug 2022 to Feb 2023  
Worked on creating a VR experience and various customization techniques for players in Unreal Engine using C++ and virtual blueprint scripting.

**Blockchain Technology Researcher(Intern)**  
Connect LLC (16 Haverhill Place Trumbull, CT 06611)  
March 2022 to August 2022  
Worked on the proposition about Web3, Metaverse & future realistic approaches about blockchain and explored various NFT marketplaces

## Volunteer Work & Certification

**Volunteer**  
Muskurahat Foundation(Mumbai, Maharashtra, India)  
December 2022 to present  
Volunteered to provide primary education to helpful children  
**Internship Completion Certificate and Letter of Recommendation**