

RAYAN MADAN

Software Engineer



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vladthenotsoglad



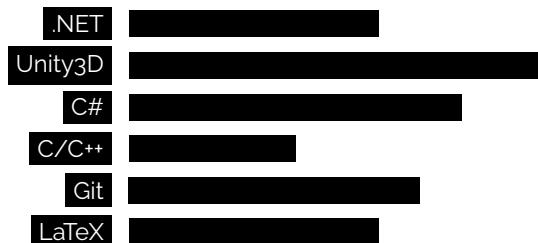
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WHO AM I?

I'm deeply interested in software engineering, with a foundation built through early experience in game development using Unity and C#. This helped me develop strong problem-solving skills and an appreciation for good design. I'm now expanding into full-stack and system programming to better understand the broader software landscape and contribute meaningfully to collaborative projects.



EXPERIENCE

01/2025 – 06/2025 internship	Game Developer Intern Developed and published "Word Quest 2025" on Google Play Store. Implemented scalable game architecture and optimized performance for mobile platforms. Collaborated with cross-functional teams using Agile methodologies. Unity3D / C# / Python / Git	Eternoplay Studio
02/2022 – 07/2022 internship	Unity Developer Intern Designed and implemented core game mechanics including survival and building systems Contributed to world design and optimized geometry rendering for improved performance Applied object-oriented design principles to create maintainable and scalable code Unity3D / C# / Git	Corkbrick Europe
09/2021 – 12/2021 internship	Unity Developer Intern Reduced APK size by 40% using Unity Addressable Asset System with AWS server integration Developed AR-based applications using ARKit, AR Core, and computer vision (OpenCV) Built machine learning agent behaviors using Unity ML Agents framework Unity3D / C# / Git / Vuforia	Techax Labs
06/2021 – 08/2021 internship	Unity Intern Implemented physics simulations for educational applications demonstrating refraction and gravitational force Developed reusable code components following software engineering best practices Unity3D / C#	Compact Gyan

EDUCATION

2023 – 2027	B.Tech - Computer Science and Engineering Extracurricular Activities <ul style="list-style-type: none">Technical Member at Google Developer Student Club (GDSC-VIT)Responsibilities including Hiring for the club, Mentoring and Coaching juniors, Guiding teams during Hackathons	Vellore Institute of Technology - Vellore
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LANGUAGES

English - native
Hindi - native
Marathi - native
French - rudimentary

PROGRAMMING LANGUAGES

C#
Java
C/C++
Python

HOBBIES

I love listening to music, playing innovative indie games, and playing around with electronics and software in my free time.