

RAYAN MADAN

Software Engineer



Pune, India

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vladthenotsoglad



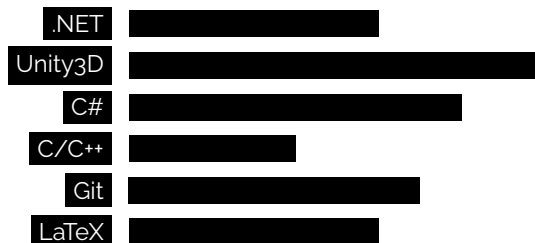
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WHO AM I?

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** **Game Developer Intern** **Eternoplay Studio**
internship
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
- 02/2022 – 07/2022** **Unity Developer Intern** **Corkbrick Europe**
internship
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
- 09/2021 – 12/2021** **Unity Developer Intern** **Techax Labs**
internship
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
- 06/2021 – 08/2021** **Unity Intern** **Compact Gyan**
internship
Implemented physics simulations for educational applications demonstrating refraction and gravitational force
Developed reusable code components following software engineering best practices
Unity3D / C#

EDUCATION

- 2023 – 2027** **B.Tech - Computer Science and Engineering** **Vellore Institute of Technology - Vellore**
Extracurricular Activities
- Technical Member at Google Developer Student Club (GDSC-VIT)
 - Responsibilities including Hiring for the club, Mentoring and Coaching juniors, Guiding teams during Hackathons

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.