Nepal Singh

WEB | GAME | VR DEVELOPER

✉ nepalsss007@gmail.com   📱 (+91) 9381534195   ⌨ Github.com/nepal143

EXPERIENCE

Front Benchers Infotech
Software Intern Engineer   *15 March 2024 - 15 June 2024, Remote*

VR Developer and Software Intern Engineer
- Utilized Unity to create 3D panoramic and dollhouse views, enhancing the visual and interactive experiences in virtual reality.
- Designed and implemented a streaming application to showcase VR views, integrating Unity Multiplayer for seamless and engaging user interactions.
- Worked on innovative projects that advanced the capabilities and applications of virtual reality.

Technical Board AIT
Joint Secretary   *, AIT Pune*

- **Innovative Backend Solutions**: Drove the design, development, and optimization of robust backend systems with a focus on scalability and security.
- **Website Development**: Created websites for the Technical Board and major events.
- **PR and Sponsorship Management**: Managed public relations and sponsorships for the Technical Board.
- **Event Management**: Organized and managed events like Technical Aakriti, TechElivate, and SnapHunt, including Pune's biggest technical fest, The Solutions.

GDXR
Joint Secretary   *, AIT Pune*

- Crafted innovative games leveraging expertise in game design, programming, and virtual reality.
- **Website Development**: Created the website for Genesis, India's biggest game jam.
- **Event Organization**: Organized and managed events like Gameathon, Genesis, Ar-Cade, and Imaginate.

PROJECTS

AIT VR TOUR
Made Virtual Tour of Army Institute Of Technology Pune using Unity 3D, Blender

VOYAGER
An AI Based Career guidance website made in Nexus, a hackathon conducted by IIT Pune

VIRTUAL DRONE SIMULATOR
Made Drone Simulator using Unity 3D for Oculus Quest 2

SUMMARY

Full stack developer skilled in MERN, React Native, game development, and VR in Unity. Proficient in HTML, CSS, JavaScript, Node.js, React.js, Express.js, and Deno. Seeking a role to create innovative, user-friendly applications in a dynamic environment.

SKILLS

Back End	Node.js, Express.js
Front End	HTML, CSS, JavaScript, Tailwind, React, Handlebars
DBMS	MongoDB, MySQL
OS	Windows, Linux (CentOS)
DevOps	Docker, GitLab, GitLab CI
Misc.	AWS, LaTeX
Soft Skills	Resilience, Attentiveness

ACHIEVEMENTS

HackSquad Winner
Global Rank 58

ENLIVEN (Inter-College Hackathon)
2nd Position

Paricharcha X Glitched GameJam PICT Pune (Inter-College GameJam)
1st Position

Gameathon AIT Pune (Intra-College GameJam)
2nd Position

Replica 2.0 (Intra-College Hackathon)
2nd Position

EDUCATION

Army Institute Of Technology — Pune, Maharashtra
Bachelor in Engineering
SGPA: 7.5/10.00

KV No 1 Army Jodhpur — Jodhpur, Rajasthan
12th Science-Maths