YUVRAJ SHARMA

AI Research | XR Developer | Game Development

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Summary

I love building real-world solutions to real-world problems by working with the help of AI, mixed reality, and game development. Quite passionate about creating meaningful products, you'll always find me working in collaborative teams, pushing boundaries, and giving everything I've got to the work I do.

Experience

AI Intern, Embrizon Technologies – Hyderabad, India
06/2024 – 08/2024

- Contributed to AI-driven systems for embedded devices and low-cost automation.
- Introduced to Python Libraries and Frameworks.

Freelance, ArchDo – New Delhi, India
09/2024 – Ongoing

- Worked with Teams active participation in Hackathons and focused on real world applications and usecases.
- Explored Full Stack Development with a focus on Web3 and XR.

Lead, TheEngineeRoom – New Delhi, India
01/2025 – Ongoing

- Led a college game dev community; organized 7+ workshops (Unity, Godot, Blender and parametric design).

Education

B.Tech in AI & ML
MRIIRS, Faridabad
08/2024 – 05/2027

CBSE (PCM)
Apeejay School
01/2009 – 05/2023

Certification

Google Drive Certificate

Key Achievements

- Decentralized Fitness Platform (Fitto): Developed an AI-powered fitness app combining smartwatch tracking, interactive AR workouts, live tutor sessions, and NFT-based rewards to incentivize consistent training.
- ArchDo AR: Built an ongoing AR project that visualizes hidden pipelines and drilling zones behind walls using Unity, image targets, and MetaMask for secure digital records. Aimed at real estate and home maintenance innovation.

Skills

- Blockchain, Mixed Reality, EMR, IAM, OOP
- C/C++, Python, Solidity, SQL, Oracle
- HTML, CSS, Three.js, React
- TensorFlow, OpenCV, Dynamo
- Unity, Unreal Engine, Blender 3D, Godot
- Git, GitHub, Firebase, Figma, Canva, Vercel, Azure

Projects

TerminalCraft Game 02/2025 – POC
Minecraft reimagined for the terminal in a simulated virtual world

- A Text based Minecraft like game with assembly style interface.Try the live Demo
- Tokenized for Solana ecosystem

Cattle Classification System 01/2025 – Ongoing
Vision-based cattle identification using CNN

- Built a deep learning model using convolutional neural networks.
- Optimized for rural deployments in dairy management and record keeping.