

Shival Gupta

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Experience

- **Software Developer Intern, SatoriXR** | Dec 2023 – Present
 - Lead development of XR projects for both client and in-house initiatives, delivering applications across AR, VR, 3D, web, mobile, and desktop platforms.
 - Utilize Unity and C# to design and implement interactive, high-quality experiences.
- **Software Developer Intern, Airtel Payments Bank** | Sep 2023 – Nov 2023
 - Coordinated with cross-functional teams to roll out new features on time while maintaining strict quality standards.
 - Executed thorough testing and debugging, significantly improving software performance.

Projects

- **SamsungStoreXR**
Created a VR app for Oculus Meta Quest, HTC, and other headsets using Unity, Blender, and the OpenXR Toolkit during the Samsung Prism Metaverse Internship.
- **B2B Platform**
Engineered a B2B solution for Airtel Payments Bank with Next.js, Tailwind CSS, Prisma, PostgreSQL, and Next-Auth.
- **Obstacle Avoidance Car**
Developed an autonomous car using ROS, Arduino, ultrasonic sensors, and DC motors.
- **Voice AI**
Designed a Python-based voice assistant inspired by Google Voice Assistant.
- **3D Multiplayer Game**
Built a multiplayer FPS game akin to CS:GO using Unity and Photon Network.
- **Quiz App**
Developed a quiz application in Java and MySQL featuring user authentication, leaderboards, and timers.

Skills

- **Languages:** Proficient in C, C++, C#, Python, Java, and TypeScript.
- **Frameworks & Tools:** Experienced with Next.js, Radix UI, Headless UI, Tailwind CSS, Prisma, MySQL, and PostgreSQL.
- **IoT & Robotics:** Skilled with Arduino, Raspberry Pi, ROS, MQTT, and ThingSpeak.
- **3D & Game Development:** Competent in Blender, Unity, Unreal Engine, and After Effects.

Education

Program	Institution	Period	CGPA/Percentage
B.Tech in Computer Science & Engineering	Vellore Institute of Technology, Chennai	2021 – 2025	7.76
Senior Secondary (XII) in Science (PCM)	St. Karen's High School, Patna (CBSE)	2020	62.17%
Secondary (X)	St. Karen's High School, Patna (CBSE)	2018	75.67%

Achievements

- **Winner, Samsung PRISM Metaverse Challenge**
- Secured 17th rank out of 500 entries in the "PASSWORD" CTF event by Linux Club VITC.
- Led an Autonomous Drones Workshop for 100 students, with 50% international participation.

Extracurricular Activities

- Piano, Skating, Badminton, Photography, Videography, Video Editing, 3D Animation