Shival Gupta

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Experience

- **Software Developer Intern, SatoriXR** | Feb 2025 – Present
  - Drive end-to-end development of XR applications spanning AR, VR, 3D, web, mobile, and desktop.
  - Collaborate with cross-functional teams to integrate real-time motion tracking and advanced 3D modeling.
- **Software Developer Intern, Airtel Payments Bank** | Sep 2023 – Nov 2023
  - Coordinated feature development for India's first payments bank, ensuring robust and secure digital transactions.
  - Performed rigorous testing and debugging, reducing transaction processing time by 20%.

Projects

- **SamsungStoreXR** *[Virtual Reality]*
  Created a VR application for Oculus Meta Quest, HTC, and more using Unity, Blender, and OpenXR during the Samsung Prism Metaverse Hackathon.
- **B2B Platform** *[Web Application]*
  Engineered a scalable B2B solution for Airtel Payments Bank with Next.js, Tailwind CSS, Prisma, and PostgreSQL.
- **Obstacle Avoidance Car** *[Robotics/IoT]*
  Designed and built an autonomous car using ROS, Arduino, ultrasonic sensors, and DC motors.
- **Voice AI** *[Artificial Intelligence]*
  Developed a Python-based voice assistant inspired by Google Voice Assistant.
- **3D Multiplayer Game** *[Game Development]*
  Created a real-time multiplayer FPS game using Unity and Photon Network.
- **Quiz App** *[Software Application]*
  Built a Java and MySQL-powered quiz application featuring secure authentication, dynamic leaderboards, and real-time timers.

Skills

- **Languages:** Proficient in C, C++, C#, Python, Java, and TypeScript.
- **Frameworks & Tools:** Experienced with Next.js, Shadcn UI, Aceternity UI, Framer-Motion, Tailwind CSS, Prisma, MySQL, and PostgreSQL.
- **IoT & Robotics:** Skilled with Arduino, Raspberry Pi, ROS, MQTT, and ThingSpeak.
- **3D & Game Development:** Competent in Blender, Unity 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**
- Ranked 17th among 500 participants in the "PASSWORD" CTF event by Linux Club VITC.
- Led an Autonomous Drones Workshop for 100 students, including 50% international attendees.

Extracurricular Activities

- Piano, Skating, Badminton, Photography, Videography