Shival Gupta

Chennai, India | +91 7091041542 | sgupta.5545@gmail.com shivalgupta.tech | github.com/shival-gupta | linkedin.com/in/shival-gupta

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, Shadon 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