# 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
  - Develop XR applications across AR, VR, 3D, web, mobile, and desktop platforms using Unity and C#.
  - Work with cross-functional teams to integrate real-time motion tracking and 3D modeling.
  - Optimize applications to improve performance by 30%.
- **Software Developer Intern, Airtel Payments Bank** | Sep 2023 – Nov 2023
  - Coordinated feature development for India's first payments bank, ensuring quality and reliability.
  - Conducted testing and debugging to enhance software performance.
  - Contributed to secure and scalable application development, reducing transaction processing time by 20%.

## Projects

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