

Rishabh Gupta

📍 Nashik ✉ rishabh.13.gup@gmail.com ☎ 8668232675 in Rishabh Gupta

Objective

Motivated and adaptable undergraduate eager to **learn, grow, and contribute** in a professional environment. Eager to develop **new skills, take on challenges**, and add value through **dedication and a strong work ethic**.

Education

Vellore Institute of Technology, Vellore, India

Bachelor of Technology in Computer Science and Engineering

2023 - 2027

CGPA: 9.16

Matoshri Junior College, Mhasrul, Nashik

Higher Secondary Certificate

2022 - 2023

Secondary School Certificate

2020 - 2021

Projects

3D Scanner | Arduino IDE-C/C++ , Meshlab

- Built a DIY 3D scanner using **Arduino Nano**, NEMA17 stepper motors, and an IR sensor.
- Programmed in **C/C++** to capture and process 3D point cloud data
- Converted scans into STL files using **MeshLab** for 3D printing.

Mars Rover Prototype | Arduino IDE-C/C++

- Built a rocker-bogie robotic vehicle with **Arduino Uno C/C++**.
- Integrated **L298 motor driver Bluetooth control** for remote operation.
- Designed for enhanced stability and obstacle traversal.

Technologies

Languages: C, C++, Java, Python, JavaScript, Kotlin, HTML , CSS

Technologies: MySQL, VS Code, Android Studio, Arduino IDE, Xcode, PyCharm, GitHub

Frameworks Libraries: React, Pandas, NumPy

3D Processing Tools: MeshLab

Soft Skills

- Strong **communication** and **teamwork** skills.
- Excellent **problem-solving** and **time management**.

Certifications

Mastering Data Structures & Algorithms using C and C++ – Udemy

- Covered key data structures, algorithms, and problem-solving using C and C++.