

Harshit Gupta

harshitgupta0624@gmail.com | 91-9140591354 | <https://www.linkedin.com/in/harshit-gupta-687558263/>

Objective

Motivated computer science student seeking a software engineering role to apply programming skills, contribute to impactful projects, and grow through collaboration and continuous learning in a dynamic development environment.

Education

Bachelor of Technology in Computer Science	2023 – 2026
<i>Pranveer Singh Institute of Technology , Kanpur</i>	6.9 SGPA
Diploma in Mechanical Engineering	2020 – 2023
Ghaziabad Government Polytechnic	71%
Intermediate	2019 – 2020
Shivaji Inter College, Kesav Nagar, Kanpur	69.3%
High School	2017 – 2018
St. Martin High School, Yashoda Nagar, Kanpur	80.83%

Technical Experience

RFID-based Attendance System December 2023 - May 2024

- Designed and deployed an IoT-powered attendance management system, reducing administrative workload by 70% Implemented secure authentication protocols and real-time data synchronization with the cloud database. Created an intuitive dashboard for administrators to monitor attendance patterns and generate custom reports.
- Technologies: Python, Django, Flask, SQLite, Arduino, RFID Technology, REST APIs

Real-Time Vehicle Detection System August 2024 - January 2025

- Developed a machine learning-based computer vision system using YOLOv5 for real-time vehicle detection and tracking with 94% accuracy. Enhanced performance through custom labeling of 3,000+ images and reduced latency by 40% using efficient algorithms and GPU-accelerated deep learning techniques.
- Technologies: Python, OpenCV, YOLOv5, TensorFlow, NumPy, Pandas, CUDA

Technical Skills

Languages: C++, C, Python, SQL, HTML, CSS, JavaScript

Developer Tools: VS Code, MySQL Workbench

Soft Skills

Teamwork, Problem solving, Communication, Adaptability, Time management

Relevant Coursework

- Data Structures and Algorithms (C++)
- Object-Oriented Programming (C++)
- Database Management System(SQL)
- Operating system
- Computer networks

Achievements

- Certificate in HTML5, CSS, JavaScript from Infosys Springboard.
- Certificate in Python Fundamentals from Infosys Springboard.
- Certificate in Database Management System from Infosys Springboard.