

Harshit Saroha

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Education

- September 2023 | Present **B.E. in Electronics and Telecommunications Engineering, R. V. College of Engineering**, GPA: 8.38, Bengaluru, Karnataka.
- Aug 2021 | June 2023 **Class 12th**, Govt. Model Sanskriti Senior Secondary School, GPA: 84.4%, Karnal, Haryana.

Experience

- January 2024 – Present **Member, Coding Club, R.V. College of Engineering**, Bengaluru, Karnataka.
- o Gained valuable connections with seniors and industry experts, expanding professional networks and knowledge.
 - o Developed coding skills and explored various fields related to programming through hands-on learning.
 - o Volunteered at various events, gaining experience in event coordination and team collaboration.
- October 2023 – Present **Activities and Events Prefect, SPARK : IUCEE student chapter at RVCE**, Bengaluru, Karnataka.
- o Attended the IUCEE Annual Student Forum (IASF), collaborating with students from diverse colleges and gaining hands-on experience through industry visits.
 - o Collaborated with a diverse team of ten students to design an innovative project on space debris, resulting in the development of actionable strategies and a comprehensive business plan that garnered positive feedback from industry experts.
 - o Served as a prefect in the Activities and Events Wing, where I managed multiple events from planning to execution.
- October 2023 – Present **Senior Associate, Entrepreneurship Cell, R.V. College of Engineering**, Bengaluru, Karnataka.
- o Active member of the E-Cell, contributing to event organization and participant engagement at various events.
 - o Volunteered alongside team members to support a range of entrepreneurial initiatives.
 - o Strengthened teamwork, communication, and event management abilities through active participation in a dynamic, collaborative environment.
- December, 2023 – October 2024 **Member, Astra Robotics, R.V. College of Engineering**, Bengaluru, Karnataka.
- o I developed foundational knowledge in robotics and engineering principles.
 - o Learned microcontroller basics and applied this understanding to robotics projects.
 - o Gained experience in computer-aided design (CAD) software, building skills in technical design and precision.

Skills

Programming Languages C, C++, Python, mySQL, Verilog

Microcontrollers RaspberryPi, Arduino, ESP-32
Program-
ming

Projects

Automated Home Security, *Arduino, UltraSonic Sensor, IP Camera, ESP-32.*

Developed a cost-effective home security system using Arduino and ESP-32, featuring remote surveillance via IP cameras and reducing expenses on hardware and installation.

Atmospheric Water Generator, .

Developed an atmospheric water harvesting system, working collaboratively to meet milestones and boost project delivery efficiency by 15% through effective risk management.

Achievement

Best Project, *September 2024.*

Recognized as the top project among 200 submissions in 2nd-semester engineering for creating an innovative, research-based solution focused on environmental sustainability.

R. V. College of Engineering

Embedded Systems and IOT, *May 2024.*

Completed a course in IoT and Embedded Systems, acquiring hands-on skills in solution design, sensor integration, and real-time data processing, strengthening my technical capabilities.

Innovians Technologies

Leadership and Sustainability, *January 2024.*

Finished a course in Leadership and Sustainability, gaining valuable knowledge in team management and sustainable decision-making, which improved my contributions to collaborative projects and hackathons.

IUCEE

Programming in C, *January 2024.*

Completed the 'Programming in C' course from Infosys Springboard, building a solid foundation in C programming, logical problem-solving, and optimizing coding practices.

Infosys