



Ratanabh Sharma

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SUMMARY

As a well-organized and enthusiastic B.E. ECE student specializing in Embedded Systems and IOT, I thrive on merging hardware and software to create innovative solutions. Eager to contribute to the field, I bring a motivated attitude and a variety of powerful skills to drive success in the rapidly evolving technology industry.

EDUCATION:-

- Chitkara University, Rajpura
2020 – Present
BE in Electronic and Communication
CGPA-6.4(5sem)
- Play way Sr. Sec. School, Patiala
2019 – 2020
12th- 60.60%
- Sri AuroBindo International School, Patiala
2016 – 2017
10th- 5.8CGPA

STRENGTHS:

- Willing to consider new ideas
- Resourceful
- Solution-focused
- Responsive

HOBBIES:

- Reading
- Filming YouTube Videos
- Listening to Music

PROJECTS:-

- Soil Moisture Monitoring using (Arduino Uno Board, Soil Moisture sensor and blynk app)
- Ai Assistant (using Python and AI/ML with Microcontroller board like Arduino Uno and Esp8266/32 and sensors like DHT11, LED's and etc.)
- Temperature And Moisture Monitoring(Arduino Uno Board, DHT11 sensor and LED's)
- Personal Portfolio(using HTML,CSS and JavaScript)

SKILLS:-

Languages:

- C/C++
- HTML
- CSS
- JAVASCRIPT
- PYTHON
- EMBEDDED C
- JAVA(Intermediate)
- Git / Git-Hub

Hardware Devices Studied:

- Arduino Uno,
- ESP8266/ESP32
- STM32 discovery board

ACHIEVEMENTS:

Online Certifications In:

- Problem Solving Using Python Programming (Certified by Coding Ninja)
- Python For beginners (Certified by Solo Learn)
- CISCO NETWORK ESSENTIALS (Certified by Cisco Netacad)
- Introduction IOT (Certified by Cisco Networking Academy)
- Introduction AWS(Certified by Great Learning)
- Python Core(Certified by Solo Learn)

CO-CURRICULAR ACTIVITIES:

- Organized several Events in E-Buzz club as a executive and as Media Head of the club. Some events are as follow Aril fool's day (2022), Hindi Divas (2022), and many more. (2020-Present)
- Been a part of IEEE society as executive of organizing team (2021-2022)
- Been a part of Codechef cuiet society as executive of Promotion team (2021-2022)

- Successfully organized the Hackathon as a one of the team leads (Techack-3.0) (January 2023)
- OCTAHACK 3.0 IDEATION 2020 – Backed 3 rd prize