

## Manika Singh

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<https://github.com/Manika2219>

### ACADEMIC DETAILS

Year	Degree/Exam	Institute
2021 - 2025	B.TECH in Computer Science	Graphic Era Hill University Dehradun
2020	I.S.C (12th)	Bishop Johnson School Allahabad
2018	I.C.S.E (10th)	Bishop Johnson School Allahabad

### TECHNICAL SKILLS

- **JAVA, C, C++, Python, HTML, CSS, JavaScript, PHP, Bootstrap, MySQL, Data Structure, Machine Learning and Cloud Computing.**
- **Tools and Frameworks**-Autocad

### PROJECTS

- **SURVEILLANCE System** | OpenCV, python, machine-learning, computer-vision, face recognition. Surveillance System coupled with the technology of biometric and security has helped to identify person's face and the colour of their surrounding using python language.
- **Voice Assistant** | Python, voice-recognition, machine-learning, voice-control, voice command. Voice Assistant offers voice commands, voice searching, and voice-activated device control, letting you complete a number of tasks.
- **Cursor Movement on Object Motion** | Python, machine-learning, hand-gesture-recognition. The Cursor Movement System will Acquire a single frame from the video recorded by the webcam and flip the frame for the user to see. It converts the captured image into a binary image wherein the RGB objects will become white. The System further adds a bounding box around the object that the user can move throughout the display.
- **Mobile Wallet with merchant payment** | e-wallet, python, encryption algorithm, online-banking. The aim of building this app is to provide a secure, reliable, and efficient platform for monetary transactions on both ends. Each time, the system generates a unique QR code ID, and all password are encrypted using AES Encryption Algorithm.
- **Website** | HTML, CSS, JavaScript, PHP, Bootstrap. Photographer and Salon Website

### Achievements

- **College Scholarship**- 80k annually
- **Tech Wizard**-Stayed till semi finals of coding.
- **Published books on wattpad**- Rajputana with 134k+ views and unwanted bride 242k+ views
- **Research and Innovation Cell of Entrepreneurship(RICE)**-Represented my college in front of U.K honorable Chief Minister.

### Skill

- **Multitasking**
- **Problem Solving**
- **Time Management**
- **Team Development**