

Varun Sankhyan

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https://sankhyanvarun.github.io/my_recepie/

PROJECTS

- Voice-Controlled Assistant Integrated with OpenAI API :

Made a voice-activated assistant , integrating ChatGPT , Website navigation , Time tracking , and Calculator functions , optimizing user experience and boosting operational efficiency by 40% through enhanced automation capabilities.

Technologies : **Python** , **Open ai** and **Speech Recognition** .

- Hand gesture recognition system :

Made a Python program which is capable of recognizing hand gestures such as shaking, thumbs up, and thumbs down.

Technologies : **Python** , **MediaPipe** and **OpenCV** .

- Recepie Website :

Designed and developed a website containing a collection of recipes , Integrated features include navigation between recipe pages and link to a *Number Guessing Game* .

- Portfolio Website :

Linked all the Projects in one website with all the important information .

EDUCATION

Bachelor of Technology in CSE (Artificial Intelligence and Machine Learning)

Jawaharlal Nehru Government Engineering College, Sundernagar (Mandi), Himachal Pradesh

2nd Year Student : **7 CGPA**

(2022 - 2026)

New Era Sen Sec School Parol, Hamirpur **HP Board**

Higher Secondary Education (12th Grade) (2022)

Percentage: **91%**

Secondary Education (10th Grade) (2020)

Percentage: **93%**

TECHNICAL SKILLS

- Programming Languages: Python, C, C++ (Strong)
- Data Structures and Algorithms (DSA), Object-Oriented Programming (OOPs)
- Tools & Technologies: GitHub, VS Code
- Machine Learning
- Web Development: HTML, CSS, JavaScript (Intermediate)

Extracurricular Activities

- *Like doing coding for learning new things and using new technologies .*
- *Badminton and Basketball: Active player, team participant .*
- *Rank Holder (Corporal) in NCC .*
- *Member of Coding Club .*

Courseworks

- Attended 2 days workshop on **AI & ML** at **IIT Mandi** organised by EduFabrica
- **Completed Python Course** (100 days of Python Code by Code with Harry)
- Participated in a Web Development workshop organised by college (10 days)
- **SSB Participation :**
- Successfully screened in during SSB interview.
- Participated in all stages of the selection process, showcasing resilience and determination.
- Continuously sought feedback and worked on areas for improvement

GitHub:

<https://github.com/sankhyanvarun>

LinkedIn:

<https://www.linkedin.com/in/varun-sankhyan/>

Achievements

- Successfully Screened In during **SSB Interview**
- Demonstrated resilience, determination, leadership, and interpersonal skills during SSB participation
- Successfully completed an interview and online test to secure a spot in a 10-day Web Development workshop organized by the college.
- First place in the Group Discussion (GD) competition during the branch-wise competition.
- Rank Holder (Corporal) in the National Cadet Corps (NCC).

Interpersonal Skills

- *Leadership*
- *Cooperative*
- *Problem Solving*
- *Critical Thinking*
- *Communication*
- *Team Work*
- *Adaptive*