Harsh Khanna

joykhanna1@outlook.com | 9530123569

PROFILE

Enthusiastic Computer Science student with strong skills in AI, and competitive programming. Driven to solve real-world problems and learn new things.

EDUCATION

MAHAVEER PUBLIC
Sr. Sec. School
10th (CBSE) |
Grad. March 2020
Percentage: 93.2

RS MEMORIAL
Sr. Sec. School , Jodhpur
12th (CBSE) - PCM
Grad. March 2022
Percentage: 84.2

CHANDIGARH UNIVERSITY
B.E. in Computer Science
Grad. May 2027 | CGPA : 7.7

TECHNICAL SKILLS

Programming:
- C++, C, Python
- HTML, CSS

Tools:
- Git, JupyterLab, PyCharm, Clion

INTERPERSONAL SKILLS

- Time Management
- Writing, Public Speaking
- Leadership
- Teamwork

PROJECTS

AI-POWERED SNAKE GAME
Python, Reinforcement Learning, NumPy, Matplotlib

- Developed a fully functional snake game using Python
- Designed and implemented an AI model capable of autonomously playing the snake game
- Trained the model using reinforcement learning to optimize movement and maximize score
- Integrated the AI model with the game to enable real-time decision-making and adaptive gameplay

GESTURE - CONTROLLED GAME CONTROLLER
Python, OpenCV, Scikit-learn

- Designed and implemented a gesture - based game controller using webcam input.
- Captured and labeled hand gesture data to map actions like move, jump, shoot.
- Integrated the gesture recognition system with game logic to control game without physical button.

ACHIEVEMENTS

- Codeforces (Max. Rated Specialist) | [Link]
- Achieved University **Rank 7** in AMCAT 2025.
- Won district level and entered State Level Table Tennis U - 19 Competition
- Solved overall 1000+ coding problems on different platforms (Codeforces, Leetcode, Geeksforgeeks, USACO)

POSITION OF RESPONSIBILITY

- Team Leader of 1st Runner Up team in INSPIRATHON organized by CU in collaboration with CodeChef | Aug 2025
- Team Leader of the finalist team in AlgoArena | Sept 2025

CERTIFICATES

- NPTEL - Cloud Computing
- Coursera - Andrew NG's machine learning specialization
- Coursera - Andrew NG's deep learning specialization