

HARJOT KAUR HANSPAL

Pune, Maharashtra, India | 9527214301 | kaurkhushi308@gmail.com

EDUCATION

Bachelor of Engineering in Computer Savitribai Phule Pune University, Pune CGPA – 8.5	August 2023
Higher Secondary Education Kendriya Vidyalaya Southern Command, Pune – 01 CGPA – 8.02	May 2019
Secondary Education Kendriya Vidyalaya Southern Command, Pune – 01 CGPA – 9.8	May 2017

SKILLS AND ABILITIES

- Machine Learning - Mobile Application Development - SQL - Data Science - Data structures Programming Language – Python , C++ - IDEs / Tools – Visual Studio Code, Android Studio	- Soft Skills – - Problem Solving - Adaptability - Communication - Analytical Thinking - Teamwork - Resilient
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PROJECTS

Sign Language Detection using OpenCV –

- Developed and implemented a real-time sign language detection system using OpenCV and Python.
- Achieved 100% accuracy in recognizing sign language gestures through effective algorithm design and optimization.

Cricket Score Prediction using Machine Learning

- Developed a Cricket Score Prediction using Machine Learning .
- An exploratory project to analyze data for different conditions that affect a cricket match.
- Implemented a Random Forest Regressor for its effectiveness in handling both categorical and numerical features.

Professional Experience

Lecturer (Artificial and Machine Learning Department)

AISSMS Polytechnic College, Pune | January 2025 – May 2025

- Taught Basic Linux and Mobile Application Development courses for diploma students.
- Planned and delivered lectures, lab sessions, and hands-on practicals in alignment with course outcomes.
- Guided students in Android app projects and shell scripting exercises to strengthen practical learning.
- Designed and evaluated assignments, internal assessments, and lab manuals.

Lecturer (Computer Engineering Department)

AISSMS Polytechnic College, Pune | August 2025 – Present

POSITIONS OF RESPONSIBILITY

Dr. D. Y. Patil, School of Engineering • Hackathon

- Participated in the Summer Hackathon (2022) - Collaborated with a team of three to develop a solution to track VPN.
- This experience honed my skills in coding, problem-solving, and effective teamwork.
- Overcoming the tight deadline and unexpected technical hurdles taught me the importance of effective time management and adaptability in a competitive environment.

Core Member in Robotics Club

Modern Education Society's College of Engineering • Robo Club • June 2019 - September 2020

- Collaborated with fellow members , team of four in designing and building a Pick and Place robot and autonomous line-following robot
- Participated in various robotics projects, gaining hands-on experience with microcontrollers, sensors, and actuators