# Harmanjit Singh

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## SUMMARY

I am a dedicated Computer Science Engineering student at Chandigarh University with a strong passion for learning and innovation. I am actively seeking an internship opportunity to enhance my technical skills and apply my academic knowledge in a practical environment. My areas of interest include critical problem-solving, emerging technologies, and developing efficient, real-world solutions. I am driven to contribute to projects that challenge my abilities and help me grow technology.

## SKILLS

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| **Languages:** | C++, Python, HTML, SQL, C |
| **Tools:** | Git, GitHub, TensorFlow, .Net |
| **Soft Skills:** | Leadership, Adaptability, Emotional Intelligence, Communication, Collaborative |

## PROJECTS

**Automatic two Wheeler Indicator (2023)**

Designed an automated two wheeler indicator.

- Implementation of automatic cut-off indicators in two-wheelers improves safety and convenience.
- Advanced sensors integrated for better performance and efficiency.

**Gold Price Prediction using Machine Learning (2023)**

Forecasting gold prices using ML models based on historical data.

- Collected and preprocessed financial datasets.
- Built and evaluated regression models using Python and machine learning libraries.

**Voice-Activated Virtual Assistant (2025)**

Developed a voice-activated virtual assistant.

- Designed a virtual assistant using SpeechRecognition and pyttsx3 libraries.
- Enabled speech-to-text and text-to-speech functionality.

## EDUCATION

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| **Chandigarh University** | CGPA: 6.8/10 |
| BE-CSE (Artificial Intelligence and Machine Learning) | 2022 - 2026 |
| **Triple M Public School, Hoshiarpur** | Percentage: 89.4% |
| Punjab School Education Board (PSEB) | 2022 |
| **DAV Sr. Sec. School, Urmar** | Percentage: 95.0% |
| 10th Grade | 2020 |

## CERTIFICATIONS

- AWS Academy Graduate - AWS Academy Cloud Foundations (Amazon Web Services)
- SQL: A Practical Introduction for Querying Databases IBM (Coursera)
- Python for Data Science, AI and Development IBM (Coursera)
- Machine Learning in Python Certification (IBM)
- Java FullStack Developement Board Infinity (Coursera)
- Artificial Intelligence Analyst (IBM)

## ACHIEVEMENTS

- Participated in Amazon ML challenge and successfully uploaded the ML model.
- Organized a cultural event at Chandigarh University and served as a judging panel member.

## HOBBIES

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| **Outdoor Activities:** | Gym, Sports |
| **Creative Arts:** | Photography |