

# GAUTAM SINGH

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## SUMMARY

Detail-oriented and motivated computer engineering student with a strong foundation in programming, data structures, and system design. Skilled in translating theoretical concepts into real-world applications, particularly in software development, AI, and embedded systems. Eager to contribute technical expertise, analytical thinking, and a collaborative mindset to an innovative engineering team

## PROJECT

- Date period
- Location
- Developing a smart facial recognition system enhanced with Natural Language Processing NLP (ONGOING)to interpret verbal commands and provide interactive responses
  - Integrating OpenCV for face detection and recognition using Python
  - Goal: Build an AI-driven interface that combines computer vision and conversational AI for seamless human machine interaction
  - Tools/Tech: Python, OpenCV, NLTK, spaCy, Tkinter (for GUI , SQLite (for local face data)

## EDUCATION

- 10th **Kmc**

**school**

2020 10th KMC SCHOOL, KATHMANDU
- 12th

**Kmc school**

2021 - 2023 12th KMC SCHOOL, KATHMANDU
  - kathmandu
- Bachelor of Technology in AIDS

**VISHWAKARMA University**

2024 - 2027 Pune,maharashtra

## EXPERIENCE

- Developed a College Attendance Management System using Python and MySQL
- Developed a LIBRARY Management System using Python and MySQL
- Designed a responsive and user-friendly interface using HTML, CSS, and Bootstrap

## LANGUAGES

English

Advanced

## SKILLS

Bootstrap	CSS	Data Structures
Python	GUI	HTML
NLP	React	java
JavaScript		

## CERTIFICATE

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**Social Network**

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