

# VANSH AGARWAL

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Greater Noida, Uttar Pradesh

## Career Objectives

Motivated Computer Science and Data Science undergraduate with strong analytical and programming skills in Python, C++, and Machine Learning. Seeking to apply data-driven problem-solving abilities to develop innovative and efficient solutions while continuously learning and improving.

## Education

<b>Bachelor of Technology (B.Tech) in Computer Science (Data Science)</b>	[2023-27]
Galgotias College of Engineering & Technology, Greater Noida	8.02 cgpa
<b>Senior Secondary Education</b>	[2022-23]
Brij Bhushan Lal Public School, Bareilly	86.4%
<b>Secondary Education</b>	[2020-21]
Brij Bhushan Lal Public School, Bareilly	94.6%

## Skills

### Technical Skills:

- **Programming Languages:** Python, C/ C++
- **Machine Learning & AI:** TensorFlow, Scikit-learn, OpenCV, Pandas, NumPy
- **Databases:** MySQL
- **Cloud & Tools:** Git, GitHub

### Soft Skills:

- Critical Thinking, Leadership, Teamwork, Problem-Solving, Communication

## Projects

### Temple Management System [Flask, Flutter, SQLite, Machine Learning, Deep Learning]

[October 2025 - Present]

- Developing a smart temple management system integrating web and mobile platforms using Flask and Flutter.
- Implementing ML and DL models for **crowd density analysis** and **outbreak prediction**.

### Face Mask Detection System [Python, Tensorflow, Keras, OpenCV, Flask]

[September 2025 - October 2025]

- Built a CNN-based model to detect whether individuals are wearing face masks or not.
- Developed a Flask web interface for real-time image testing and visualization.

### Movie Recommendation System [Python, Pandas, Scikit-Learn, Streamlit]

[April 2025 - May 2025]

- Developed a movie recommendation system using collaborative filtering to suggest personalized movies.
- Built an interactive Streamlit interface for users to explore recommendations locally.

## Certifications

• AI Foundation   Oracle	[2025]
• Basic of Python   Infosys SpringBoard	[2024]

## Achievements

• Technovation   Sharda University	[2025]
• Ideathon   IEEE AICSSYC	[2024]
• Innocodeathon   ITS Engineering College	[2024]