



Divy Gupta

SOFTWARE ENGINEER | WEB DEVELOPER

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Profile

- Motivated **Computer Science** student with hands-on experience in AI, ML, and web development. Skilled in programming and problem-solving. Eager to leverage technical skills and passion for innovation in a dynamic team setting.

Projects

Object Detection Project -

- **Role:** *Website Development, End-to-End Project Deployment*
- Developed an *object detection system* using **Python, YOLO**, and **scikit-learn** for real-time object detection and classification.
- Integrated the detection model into a responsive web application utilizing **HTML, CSS**, and **JavaScript**.
- Ensured seamless backend-frontend communication for optimal performance and user interaction.
- Led full-stack development, focusing on accuracy, speed, and system optimization.
- Enhanced user experience by designing an intuitive and responsive user interface.
- Independently completed both the coding and website development, demonstrating strong skills in machine learning, computer vision, and web technologies.

AI Shield-

- Currently Developing a **security-focused application** that provides real-time safety maps, emergency alerts, and live location sharing and many more functionality. Utilizing Python, machine learning algorithms, and web development technologies to enhance user safety.

Education

Bachelor Of Technology, Pranveer Singh Institute Of Technology, Kanpur

2022 — July 2026

- Pursuing a **Bachelor of Technology in Computer Science** with a focus on **Artificial Intelligence and Machine Learning**. Skilled in Python, machine learning algorithms, computer vision, and full-stack web development. Experienced in developing real-time object detection systems, integrating machine learning models with web applications, and optimizing code for performance and accuracy. Strong foundation in data structures, algorithms, and software development practices, with hands-on experience in building practical AI-driven solutions.

Details

Nationality

Indian

Links

[Linkedin](#)

[Github](#)

[Portfolio](#)

Skills

Machine Learning & AI

Java

Python

HTML & CSS

JavaScript

React

MongoDB

Node.js

MySQL

Languages

English

Hindi

Hobbies and Interests

Chess,

Listening to Soft Music,

Curiosity About New Technologies.