

# Divanshu Yadav

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## ■ Education

**Delhi Technological University (DTU)** — B.Tech, Computer Science & Engineering (1st Year)

Expected Graduation: 2029

Scored **95.6%** in Class 12th (CBSE, 2024)

## ■ Technical Skills

**Languages:** C, Java, Python

**Tools & Libraries:** Git, OpenCV, HTML, CSS, MySQL

**Domains of Interest:** App Development, Artificial Intelligence & Machine Learning

## ■ Projects

**Algorift – SIH 2025 Problem Statement Solution**

■ [github.com/Truedragondive1109/algorift-sih-cleancode](https://github.com/Truedragondive1109/algorift-sih-cleancode)

- Developed a solution prototype for **Smart India Hackathon 2025**.
- Focused on clean code practices and collaborative development.
- Contributed to ideation, coding, and debugging during internal round submissions.

**Lane Detection System (OpenCV, Python)**

■ [github.com/ebuillent13yadav/Lane-Detection](https://github.com/ebuillent13yadav/Lane-Detection)

- Implemented a **computer vision model** using OpenCV to detect lane lines in real-time video.
- Enhanced image preprocessing (grayscale, Gaussian blur, Canny edge detection).
- Useful for self-driving car research and road safety applications.

## ■ Achievements & Participation

- **Smart India Hackathon (SIH) 2025** – Participated in internal rounds.
- Actively learning and contributing to open-source projects.

## ■ Activities & Societies

- **eHax DTU** – Technical society focused on coding, hackathons, and project building.
- **Round Table DTU** – Student-led community for discussions, leadership, and networking.
- **Team Okami Racing DTU** – Contributing to technical aspects of a student racing team, applying programming & problem-solving skills in real-world engineering challenges.

## ■ Additional Highlights

- Strong problem-solving skills and quick learning ability.
- Team-oriented mindset, with hands-on exposure to collaborative coding environments (Git).