



## SUMMARY

Dedicated software developer passionate about solving complex challenges and building impactful solutions. Skilled in innovative decision-making, collaborative teamwork, and driving success through strong problem-solving abilities.

## EDUCATION

### Amity University , Noida

B. TECH Computer science engineering  
2022-2026  
CGPA: 7.75 (Ongoing)

### Indraprastha Global School , Noida

12th CBSE  
2021 – 2022  
Percentage: 86%

### Indraprastha Global School , Noida

10th CBSE  
2019 – 2020  
Percentage: 90%

## INTERESTS/HOBBIES

- Teamwork
- Open to new learning experiences.
- Programming and Development.
- Tech Savvy
- Project works & hackathons.

## SKILLS

- C
- C++
- Java
- Python
- Object-oriented programming
- Front-end (HTML , JAVA , CSS)
- Problem-solving
- Software development
- Web application development
- NodeJS Framework
- Cloud Computing (AWS)
- Database management
- OpenCV
- Tesseract OCR

## CERTIFICATIONS

- Workshop on AIML (IIT DELHI)
- JavaScript & PHP programming (Udemy)
- Cloud Computing (NPTEL)
- Python for Data Science (NPTEL)
- Software Conceptual Design (NPTEL)
- MATLAB certified (MATLAB)
- CISCO: Introduction to Networks

## PROJECTS

### • Project Topic: ANPR system

Organization: ASET and lens corporation (HACKATHON)

#### PROJECT DESCRIPTION

Developed a desktop application to detect vehicles, **recognize license plates** via Optical Character Recognition and **estimate vehicles speed** from video streams. Also implemented **vehicles color detection** and optimized for real-time performance.

### • Project Topic: Portfolio Website

**PROJECT DESCRIPTION:** A responsive portfolio website built using **HTML**, Tailwind **CSS**, and **JavaScript**, showcasing projects, skills, and experience.

#### TECHNOLOGY USED

- **Python** for development.
- **OpenCV** for video processing and vehicle detection.
- **Tesseract OCR** for reading number plates.
- **YOLOv8** for deep learning-based vehicle detection.