

# Harshal Sonune

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 @harshalsonune55

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## SKILLS

- ❖ Java,C/C++
- ❖ HTML, CSS, Javascript, node.js, express.js
- ❖ Python

## EDUCATION

- ❖ Indian Institute of Technology, Roorkee  
(B-tech) Engineering-Physics CGPA: 7.9
- ❖ XII (HSC) | Disha school 94..67%| 2024
- ❖ X(SSC)| Disha school 94..40%| 2024

## EXPERIENCE

- **Full-Stack Web Development:**  
Developed a **Tech Solution Website** using **Node.js**, **Express.js**, and **React**, integrated with the **YouTube API** to deliver dynamic and real-time content. The project demonstrates expertise in API integration and interactive user interface design.
- **Browser Extension Development:**  
Designed and built an **ad-blocking Chrome extension** to block intrusive banner ads on blogging websites.
- **Computer Vision Project:**  
Created a **Computer Vision System** utilizing Python and OpenCV to implement object detection and real-time image processing, showcasing proficiency in machine learning frameworks and practical applications of AI.

## ACADEMIC PROJECTS

- ❖ **Park-finding**
  - Developed a **Computer Vision (CV) model** that leverages CCTV footage to detect parking spot availability in real time.
  - Implemented advanced image processing and object detection techniques using **Python** and **OpenCV** to identify whether a parking spot is occupied or vacant.
  - Enhanced efficiency in urban parking management by automating the monitoring process, and reducing manual intervention.
- ❖ **Tech-Mech**
  - Developed a Website that uses the Youtube API to provide the video solution to the given problem. It was developed and presented in Syntex Error Hackton of IIT Roorkee.

## ACHIEVEMENTS / HOBBIES

- JEE-Advance Quilifer – AIR 2667 (category-rank(OBC))
- JEE-mains – 98.9%ile
- Have an interest in learning new technology (TECH) ,Music,etc.