



# VUTUKURI ROOP RAVI TEJA

## 👤 Profile Summary

Enthusiastic Computer Science student at SRM Institute of Science and Technology with hands-on experience in C, C++, Python, and Java. Proficient in data structures and algorithms, with practical experience from projects such as a YouTube transcriber and pothole detection using YOLO v8. Adept at problem-solving and eager to contribute to real-world software development challenges. Committed to continuous learning and professional growth in the field of technology.

## Details

Chennai  
India  
8328290105  
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## Links

[Linkedin](#)  
[GitHub](#)

## Skills



## Languages



## 🎓 Education

B.tech, SRM Institute Of Science and Technology, Chennai  
Intermediate, sri vidya junior college  
10 standard, Sri Chaitanya

## 💼 Internships

### Zidio Development at Internship

April 2024 — June 2024

- Conducted e-commerce customer segmentation using K-means clustering to analyze customer data and design targeted marketing campaigns.
- Developed a weather prediction model utilizing data science and analytics techniques to forecast weather patterns accurately.

## ★ Certificates

Programming in Java by NPTEL  
Cloud Computing by NPTEL

## ★ Projects

### Pothole Detection Using YOLO V8

Developed a high-accuracy pothole detection system using YOLOv8 for real-time object detection, trained on a diverse dataset of road images. Integrated a user-friendly interface for easy deployment and use, enhancing road maintenance and safety.

### YouTube Transcript and Keyframe Summarization

Developed a YouTube Transcriber to extract keyframes and summaries using K-means clustering, Google API, and Python with Pandas and Scikit-learn.