

# SHREEKAR VIJAYKUMAR MANE

## B.Tech 2nd year student

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## PROJECTS

### Video Analysis

#### DC1 Project

Dec 2024

IIT Jodhpur

- Developed ML model that can draw bounding box around Cracks in wall, more information and demo video will be available in github readme file.
- github : <https://github.com/shreekar2005/Video-Analysis>

### PathFinder

#### DSA Project

Nov 2024

IIT Jodhpur

- Developed an optimal pathfinding system as part of a DSA project, implementing a shortest-path algorithm in C++ and creating a web application for real-time visualization.
- github : <https://github.com/shreekar2005/PathFinder>

### Self driving model

#### ML/DL project

April 2024

- Implemented a machine learning project using TensorFlow to create an autonomous system that controls keyboard inputs for driving cars in Grand Theft Auto V (GTAV). I implemented alexnet CNN network for this project .
- github : [https://github.com/shreekar2005/auto\\_GTA](https://github.com/shreekar2005/auto_GTA)

### Road Sefty model

#### ED project

April 2024

IIT Jodhpur

- Implemented a machine learning project using YOLOV7 pre-trained model, that will detect car and turn on Alert Signal.
- github : [https://github.com/shreekar2005/RoadSefty\\_ED\\_proj](https://github.com/shreekar2005/RoadSefty_ED_proj)

### ATM machine

#### ICS project

dec 2023

IIT Jodhpur

- Created an ATM security and transaction history application in C as part of an introductory computer course project.
- github : <https://github.com/shreekar2005/ICSproject>

## MY LIFE PHILOSOPHY

*"I live by my will ; doing what I love or what my limitations allow, never just what others say. "*

## MOST PROUD OF



#### JEE Mains

AIR : 1990,  
99.83 percentile



#### JEE Advanced

AIR : 2130,  
physics score : 96/120



#### CSE department course Grades

ICS : A,  
DSA : A-



#### Music

Performed multiple times and also did Live mixing,  
Produced music covers using DAW (FI studio)

## STRENGTHS

Free Minded

Thinking in solving problems

Good listener

Music

C++

C

Python

DSA

ML/DL

## LANGUAGES

English



Hindi



Marathi



## EDUCATION

B.Tech. in CSE (ongoing ...)

Indian Institute of Technology, Jodhpur

July 2023 - May 2027

Current CGPA : 8.6