

# N S DIWAKAR

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## Summary

Motivated Computer Science Engineering student at JSS Academy of Technical Education, currently in the 6th semester with a CGPA of 8.2. Passionate about technology, programming, and problem-solving, with a strong foundation in core CS concepts such as data structures, algorithms. Dedicated and adaptable student with a proactive attitude and the ability to learn quickly.

## Projects

### \* MINI PROJECT

Developed a machine learning-based traffic avoidance model using video data to detect and analyze traffic patterns in real-time using LSTM, CNN-LSTM. Integrated computer vision techniques for object detection and route optimization to provide efficient navigation insights.

### \* FINAL YEAR PROJECT

Developed a machine learning-based traffic avoidance model using video data to detect and analyze traffic patterns in real-time. Integrated computer vision techniques for object detection and route optimization to provide efficient navigation insights, integrating lot implementations for the project.

### \* OTHER PROJECTS

1. Built a small Python project to showcase how video games take hit points and calculate them.
2. Built a Sudoku Solver using **Java** that applies backtracking algorithms to solve puzzles efficiently. Designed a user-friendly interface for input and real-time solution display.
3. Developed a simple calculator using **JavaScript** to perform basic arithmetic operations. Implemented a clean, interactive user interface with real-time input handling.

## Skills

- HTML | CSS
- C++ programming Skills
- Python Programming
- Video Editing
- AWS Cloud

## Languages

English | Kannada | Hindi

## Education

JSSATE  
**Bachelor In Engineering**  
Computer Science Engineering

Apr 2026  
GPA : 8.2

Vidhya Mandir PU College

## Creative Skill

1. Creating instagram reels and edits showcasing various transitions and music mainly focusing on Motorbike related content..
2. Have experience in Team management by participating in our college department fest. Handling and heading the Public Relations team of our department.
3. Have experience in marketing and promoting content on various social platforms such as instagram, facebook and youtube.