

# KATHIRSELVAN S



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## ABOUT ME

Aspiring Artificial Intelligence and Data Science enthusiast with a passion for Computer Vision, Data Visualization and Machine Learning. Currently pursuing studies in these domains, I am eager to apply my knowledge and contribute to cutting-edge research and development. My background includes coursework in machine learning, data visualization, and statistical modeling.

## SKILLS

- Problem-Solving
- Leadership
- Communication
- Logical Thinking
- Statistical Modeling
- Python Programming

## TOOLS

- Power Bi
- Filmora
- YOLO(You Only Look Once)
- Roboflow

## CERTIFICATIONS

- Corizo , Machine Learning
- Specialization Machine Learning
- CodSoft - Artificial Intelligence

## LANGUAGE KNOWN

- English
- Tamil
- Telugu
- Hindi

## EDUCATION

### MPC

Narayana Jr college, Vijayawada. Andhrapradesh 2020 - 2022

MARK : 380/500

### B.Tech. Artificial Intelligence and Data Science

Knowledge Institute Of Technology, Kakapalayam, Salem 2022 -

2026 CGPA : 8.1

## INTERNSHIP

### LRDE-DRDO

19-07-2024 TO 19-09-2024

- Contributed to the development and optimization of Track Before Detect (TBD) algorithms for radar systems.
- Authored detailed technical documentation on TBD methodologies for research and implementation. Gained hands-on experience in radar signal processing, algorithm design, and defense technology applications.

## PROJECTS

CHATBOT(Rule-based+open.ai)

- Designed a hybrid chatbot integrating rule-based logic with OpenAI's language model to provide dynamic and context-aware assistance.
- Implemented predefined workflows for technical queries and leveraged AI for adaptive responses to complex user inputs.

### MINI PROJECTS

- Photo Classification , Stock-Market, Music Recommendation System, Object Detection and Tracking using YOLOv8 and OpenCV, Voice Assistant integrated with Google GenAI