

# M.S.SAMIKSHA

S T U D E N T | D S & A I M L

## CONTACT

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## EDUCATION

### GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Bachelor of Technology in Computer Science Engineering  
2023-2027

### INDIAN INSTITUTE OF TECHNOLOGY, MADRAS

B.Sc. Program in Data Science  
2023-2026 (Diploma in Data Science)

## SKILLS

- Languages: Python, Java, SQL
- Libraries/Frameworks: OpenCV, Pandas, NumPy, Scikit-learn, Matplotlib
- Tools: Jupyter Notebook, Git, GitHub
- Core Concepts: Data Cleaning, EDA, CNNs, Object Detection (YOLOv5), Face Recognition, DSA
- Soft Skills: Communication, Teamwork, Time Management, Problem Solving

## CERTIFICATIONS

- Foundation Completion Certificate – IIT Madras
- Introduction to Data Science and Deep Learning – Wayspire
- Microsoft Azure Data Fundamentals – Wayspire

## PROFILE

I'm a Computer Science Engineering student passionate about Data Science, Machine Learning, and Deep Learning — especially in Computer Vision. I'm pursuing a B.Tech at Gokaraju Rangaraju Institute of Engineering and a B.Sc. in Data Science at IIT Madras. I enjoy hands-on projects that turn ideas into real-world solutions. I'm proficient in Python, Java, and SQL, and constantly exploring new technologies.

## PROJECTS

### YOLOv5 Object Detection

- Implemented and trained a YOLOv5 model for real-time object detection.
- Fine-tuned the model on a custom dataset and achieved high accuracy in detection tasks.
- Learned techniques in image preprocessing, model evaluation, and annotation.

### Smart Interviewer (In Progress)

- Working on an AI-powered interview simulation tool.
- Uses facial expression tracking, voice modulation analysis, and response timing to evaluate performance.
- Aims to help candidates receive feedback and improve their virtual interview skills.

### Business Data Management System (In Progress)

- Collecting and analyzing real-time data from retail shops and small companies.
- Identifying key problem statements through data exploration.
- Creating visual dashboards and recommending solutions to improve operations and customer service.

## ACHIEVEMENTS

### GitHub – GRET

February 2025

- Contributed to open-source repositories via forks and pull requests.
- Learned to manage version control and submit patches collaboratively.