

ROHITH MADDIPATI

Hyderabad, India,500055 | +91 9948858880 | maddipatirohith1@gmail.com | [linkedin.com/in/maddipati-rohith-59b2201ab](https://www.linkedin.com/in/maddipati-rohith-59b2201ab)

EXPERIENCE

Green Vision Solutions

Software Developer/AI and ML

Mar 2023 – Aug 2023

- Worked on machine learning models using OpenCv.
- Implemented CNN model - YOLO.
- In the process of writing and publishing a comparative study of edge detection algorithms based on the relevant topic.

TECHNICAL SKILLS

Programming languages: Java, Python, C, C++.

Machine learning framework: TensorFlow, PyTorch.

Deep learning: Neural networks, Convolutional neural Networks(CNNs).

Artificial Intelligence: Natural language processing, Speech recognition.

Web Technologies: HTML, CSS, Bootstrap, Javascript, React, Express, MongoDB.

Generative AI: Transformer Model.

Databases: SQL.

Mobile app development: Flutter, Firebase.

Tools : Jenkins, Maven, Docker, Git.

Soft skills: Time management, Communication, Teamwork, Leadership, Problem solving skills.

EDUCATION

Keshav Memorial Institute of Technology– Hyderabad, India

May 2025

Bachelor of Engineering, Computer Science, CGPA:8.95

Gitanjali Senior school (ISC) – Hyderabad, India

May 2021

Senior secondary school

St. martins' high school(ICSE) – Hyderabad, India
secondary school

May 2019

PROJECTS

Multi-organ Segmentation Transformers

Generative AI, Deep learning, Flutter, Firebase, GPU, Cloud

- Implemented data preprocessing : normalisation and colour labelling for organ classification.
- Utilised DETR and UNetR architecture for multi-organ segmentation.
- Developed a mobile application using flutter and flask.
- Integrated firebase for user authentication.

Alumni Network - MERN stack,SQL

- Developed a web-based application facilitating college alumni to explore job events posted by the institution.
- The platform enables alumni, irrespective of their current affiliation, to search for employment opportunities. Implemented a seamless filtering system, ensuring that alumni from the same college are given preference.
- Additionally, designed a feature allowing companies to post events and job opportunities tailored to alumni, enhancing their job search experience.

RELEVANT COURSEWORK

Computer Science: Data Structures and Algorithms, OOPs, Databases -SQL, Operating Systems, Data Science, Cyber security.

Mathematics: Discrete Maths, Probability and Statistics, Number Theory, Linear Algebra.

Extra Curricular

Member, KMIT Students' Council:

Solved student grievances and problems, have organised events, and have been involved in decision making.