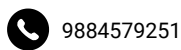# BALASUBRAMANIAN

📞 9884579251   ✉ balasubramanian.5122003@gmail.com   in Bala Subramanian

SUMMARY

Passionate AI enthusiast and graduating in Bachelor's in Artificial Intelligence and Data Science. Adept at leveraging cutting-edge technologies to solve complex problems. Eager to contribute technical expertise to a dynamic team and enhance AI applications for real-world impact. Actively seeking opportunities to apply knowledge and skills in a challenging AI role.

SKILLS

- **Programming Languages:** Python, Java
- **Deep Learning Frameworks:** Keras, Tensorflow, Pytorch
- **Models and Libraries:** LLM, YOLO, Pandas, Numpy, Matplotlib
- **Technical Skills:** Deep Learning, Machine Learning, Natural Language Processing
- **Development Environment :** Anaconda, Jupyter Notebook
- **Databases :** Excel

EDUCATION

B.TECH ARTIFICIAL INTELLIGENCE AND DATA SCIENCE   **2021 - 2025**

Mahendra Engineering College
CGPA : 7.56

HSC   **2019 - 2021**

Sri Jayendra Golden Jubilee Matric Higher Secondary School
Percentage : 86%

PROJECTS

Road Accident Detection From Live CCTV Footage   **Feb 2024 - Apr 2024**

- Engineered a real-time road accident detection system leveraging computer vision and machine learning techniques, ensuring swift identification of incidents.
- Deployed a proactive solution to reduce casualties by promptly alerting emergency services, streamlining incident management processes.

Mental Health Chatbot   **Nov 2023 - Jan 2023**

- Crafted an empathetic mental health chatbot utilizing natural language processing and sentiment analysis algorithms.
- Tailored to provide personalized support and guidance to users, fostering emotional well-being and resilience. Implemented a user-friendly interface for accessible and confidential interaction, promoting mental health awareness and support.

Plant Identification Using Plant Images   **Aug 2023 - Oct 2023**

- Developed a robust plant identification system leveraging deep learning and image recognition techniques.
- Empowered users to effortlessly identify plant species through a user-friendly interface, fostering botanical knowledge and appreciation.