

# Varalaxmi Sadula

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Hyderabad, Telangana - 500001, India



## OBJECTIVE

To secure a good position in a competitive and creative engineering environment that will benefit from my creative ideas, experience, and collegiate skills and will expectantly add value to organizational operations.

## EDUCATION

### • Vaagdevi Engineering College

Bachelor of Technology: Computer Science and Engineering

◦ CGPA: 7.81

June 2021 - August 2025

Warangal, India

### • Krishnaveni Vikas Junior College

Intermediate, MPC

◦ Final Percentage: 98.4%

June 2019 - April 2021

Godavarikhani, India

### • ST. Mary's EM High School

Secondary Education

◦ GPA: 9.3/10

April 2019

Godavarikhani, India

## PROJECTS

### • House Rent Price Prediction Using Machine Learning

June 2024 - August 2024

Tools: [Machine Learning]

This Project is mainly focused on developing website based on machine learning models (Linear Regression, Random Forest Regressor, XGBoost Regression, Decision Tree) to estimate and predict the price rent of house. Includes model training, validation, and performance evaluation using python with an accuracy of 99%.

### • Real-time Bone Fracture Detection with YOLO-V8 model Using x-ray Images

September 2024

Tools: [python], [Machine Learning], [YOLO]

The Main Objective of this Project is to develop a website based on robust and efficient AI-based system for detecting bone fractures in X-ray images using the YOLOv8 object detection model, aimed at enhancing diagnostic accuracy and providing real-time assistance to medical professionals with an accuracy of 91%.

### • SMS Spam Detection System Using NLP

Jan 2025

Tools: [Html, Css, Java script]

An SMS spam detection system uses NLP techniques to analyze message text and classify it as spam or legitimate.

## SKILLS

- C
- JAVA
- Python
- HTML&CSS
- DBMS&SQL
- Data Structures
- Generative AI & Machine Learning
- Public Speaking
- Teamwork

## ADDITIONAL INFORMATION

**Interests:** Cooking, Playing Badminton, Reading, learning new things, Exploring new Technologies.