

MEGHANA REDDY GUNTAKA

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Education

- **B.Tech**, CSE-Data Science 2024
Malla Reddy Engineering college for women, CGPA-9.12
- **Intermediate** 2020
Sri chaitanya junior kalasala, Percentage-96.5
- **Secondary Education** 2018
Pragathi Vidyanikethan , CGPA-9.5

Technical Skills

- **Programming Languages** : Core Java, Python, C.
- **Programming Concepts** : DBMS using SQL.
- **Technologies** : Machine Learning, Fundamentals of Data Science
- **Web Technologies** : HTML, CSS, Bootstrap
- **Office Tools** : MS PowerPoint, MS Word, MS Excel, Vs Code, Eclipse
- **Operating System** : Windows, Linux, Mac OS

Projects

- **Heart Disease Prediction using Bio-inspired Algorithms** [GitHub Link](#)
Developed a heart disease prediction model using bio-inspired algorithms, specifically Genetic Selection CV, BAT, and ABC optimization, in conjunction with Random Forest classification in order to predict whether an individual having heart disease or not and further predicts stages 1,2,3.
- **Offensive Image Detection** [GitHub Link](#)
Developed model is an advanced offensive image detection model based on Convolutional Neural Networks (CNN) utilizing the VGG architecture. Our system automatically extracts intricate features from images, capturing subtle visual cues that are crucial for accurately detecting offensive content.
- **Mental Health Companion using ML** [GitHub Link](#)
Developed a Mental Health Companion project using Machine learning techniques, specifically the boosting Adaboost algorithm, to predict the need for mental health treatment based on user provided attributes.

Certifications

- Certified by Cisco Networking Academy for completing “**Programming Essentials in Python**”.
- Certified by Coursera for completing IBM “**Data Science Methodologies**”.
- Certified by Coursera for completing IBM “**Python for Data Science&AI**”.
- Certified by Coursera for completing LearnQuest “**Core Java**”.
- Published in the Journal of the Asiatic Society of Mumbai (ISSN: 0972-0766) on “**HEART DISEASE PREDICTION USING BIO-INSPIRED ALGORITHMS**”.

Achievements

- Selected as **Class Representative** for 4 years of my B.Tech Program.
- Participated in **J-HUB** Idea Accelerator Program 2023.
- Achieved certification in the “Cambridge English Empowerment **Level C1** Course”.
- Selected as **Vice President**, CSI Student Body for student council MRECW.
- Successfully organized multiple events in National level Technical Fest Future Sastra 2k23.
- Participated in National level **Hackathon** at MRECW.
- Participated in **Project Expo** in E-Summit’23 conducted MRECW.
- Selected as one of **Top 10** participants in **Hackathon** conducted at out college (MRECW).

Hobbies:

- Cooking, Badminton, Movies.