

MAMATHA VENUKANTI

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 <https://github.com/Mamatha-Venukanti>

SUMMARY

Passionate web developer and AWS expert, team motivator, and tribal area social service enthusiast.

SKILLS

Programming Languages : JAVA, Python, HTML, CSS, JavaScript

Database: MySQL, SQL, DBMS, MongoDB

Frameworks & Others: React, Node.js, Express, AWS Cloud Computing, Machine Learning

EDUCATION

Chaitanya Bharathi Institute Of Technology Autonomous

2021 - 2025

- B.E , Information Technology, CGPA: 8.77

Sri Gayatri Junior College

2021

- Senior Secondary (XII), MPC, CGPA: 9.8

Government High School Telangana

2019

- Secondary (X), SSC board, CGPA: 9.3

PROJECTS

Posenet Estimation

Mar 2024 - May 2024

<https://github.com/Mamatha-Venukanti/Posenet-Estimation>

Implemented PoseNet estimation and angle detection to measure the deviation between actual and input poses using deep learning. Utilized CNN models for image preprocessing to enhance accuracy and efficiency in pose analysis.

Food Redistribution System

Sep 2023 - Jan 2024

<https://github.com/Mamatha-Venukanti/Food-Redistribution-System>

Developed a robust MERN stack food redistribution platform facilitating seamless communication between NGOs and restaurants. Key features include real-time updates, feedback mechanisms, user-friendly interfaces, donation forms, delivery contact integration, and donation history tracking.

Placement-management-System

May 2023 - Aug 2023

<https://github.com/Mamatha-Venukanti/Placement-management-System>

Created a MERN stack placement management system with robust features: preparation tools for interviews, detailed company hiring updates, eligibility criteria, and a dynamic query platform for students to engage with mentors effectively.

Hotel Management System

Feb 2023 - May 2023

<https://github.com/Mamatha-Venukanti/Hotel-Management>

Implemented a comprehensive hotel management system with features including room facilities, diverse food options, location management, and service management. Additionally, integrated a machine learning-based chatbot using Dialogflow Cloud for direct negotiation and enhanced customer interaction.

Thyroid prediction using Machine Learning

Jun 2022 - Sep 2022

<https://github.com/Mamatha-Venukanti/thyroid-prediction-using-ML>

Predictions using Random Forest, Logistic Regression, and SVM models identified ages 40-60 as the age group most susceptible to thyroid issues among both males and females, demonstrating these methods' effectiveness in medical data analysis.

ACHIEVEMENTS/CERTIFICATIONS

Data Structures and Algorithms

Jun 2023 - Aug 2023

Smart Interviews, Online, completed course with global rank 6624 out of 24555

Web Application Development

Jul 2023 - Oct 2023

INTERNSHALA, Virtual, 3months, MERN stack

Hackathon Winner

2023

Annual Hacktoberfest, 2nd place, 24hrs, with MERN-based food redistribution system.

AWS Training

2024

Mastered AWS: EC2, S3, RDS, security, serverless.

Joy Of Computing Using Python

Jul 2022 - Oct 2022

NPTEL, Online, Received silver badge for achieving 83% score