

POKALA MAHESHWAR VARMA

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CAREER OBJECTIVES

Dedicated and Enthusiastic fresher seeking a technical position. Where I can leverage my strong technical skills, communication, problem-solving and customer service skills to contribute to the organization's success while gaining professional experience.

EDUCATION

Malla Reddy University

BTech in AI&ML; CGPA: 7.84

Telangana, India

Aug 2022 - Present

SR Junior College

MPC (Mathematics, Physics, Chemistry); Percentage: 90.9

Telangana, India

July 2020 – May 2022

Telangana State Model School

Secondary Examination; Percentage: 100

Telangana, India

July 2019 - March 2020

SKILLS SUMMARY

Programming Languages: Python, Java, SQL, DSA

Tech Skills: Internet of Things, Cloud Computing, Salesforce Development, Web development

Developer Tools: Visual Studio Code, Eclipse, AWS, MySQL

Soft Skills: Event Management, Leadership, Team work, Problem Solving, Time Management

PROJECTS

Election sentiment analysis | Technologies Used: Natural Language Processing (NLP).

Election sentiment analysis using Natural Language Processing (NLP) is a transformative approach to understanding voter preferences, emotions, and attitudes by analyzing textual data from sources such as social media, news articles, and surveys. The process involves data collection, preprocessing, and applying advanced NLP techniques like tokenization, sentiment classification, and emotion detection using methods ranging from lexicon-based approaches to deep learning models like transformers. By classifying sentiments as positive, negative, or neutral and capturing nuanced emotions—this analysis offers a detailed view of public opinion.

Heart Beat Monitoring System | Technologies Used: Internet of Things (IoT).

The IoT-Based Heart Beat Monitoring System is an advanced healthcare solution designed to monitor a patient's heart rate continuously and remotely. The system uses a heartbeat sensor to measure the heart rate, which is then processed by a microcontroller such as Arduino. The collected data is transmitted through the internet to a cloud platform or mobile application, allowing real-time access for doctors, caregivers, and family members. This system enables early detection of abnormal heart rate conditions by comparing the measured values with predefined threshold limits.

Smart Water Sensor System | Technologies Used: Internet of Things (IoT).

The IoT-Based Smart Water Sensor System is designed to detect dry land conditions and automatically activate a water supply system to maintain optimal soil moisture levels. The system uses a soil moisture sensor to continuously monitor the moisture content of the soil. When the soil becomes dry and the moisture level falls below a predefined threshold, the system automatically turns **ON** the water pump or irrigation system. A microcontroller such as Arduino processes the sensor data and transmits it to a cloud platform or mobile application using IoT technology. This allows farmers or users to monitor soil conditions and water usage in real time from anywhere. Once the desired moisture level is reached, the system automatically switches **OFF** the water supply, preventing water wastage.

EXPERIENCE

Smart Bridge Aug 2024 - Dec 2024

Salesforce Developer Virtual Internship *Hyderabad, India*

Gained expertise in Salesforce development, including Apex, Visual force, Lightning Components, and data management, through practical, hands-on experience.

Edu Skills Jan 2024 - May 2025

AWS Cloud Intern *Hyderabad, India*

Developed skills in deploying and managing AWS cloud infrastructure, optimizing cloud services, and troubleshooting issues to ensure efficient and reliable operations.

CERTIFICATION

- Introduction to Java programming language by NPTEL (Issued: Apr 2023).
- Cambridge English Empower (Level B2) Issued by Cambridge University Press & Assessment.
- Python Programming Essentials by Coursera (Issued: Jun 2023).

OTHER ACTIVITIES

- Member of Non-Technical and Elite club, A.I and M.L Department: Organized and managed nontechnical events, contributing to enhanced engagement and innovative -sharing among peers.
- Contributed as an organizer for Sparks-Intelligentsia 2024 under Technosplurge-2024, a two-day national level techno-sports-cultural fest, ensuring smooth coordination and successful execution of the event.