



KADA RAMESH

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Summary

To secure a job role, applying theoretical knowledge and practical skills to ensure high-quality products while contributing to your organization's success through teamwork and continuous learning.

Education

Aditya College of Engineering and Technology **2020-2024**

B. Tech in Electronics and Communication Engineering, CGPA: 7.51

Surampalem, India

Aditya Junior College **2018-2020**

Intermediate in M.P.C, CGPA: 8.50

Mandapeta, India

Meher Vidhya Niketan **2017-2018**

SSC, CGPA: 9.2

Tapeswaram, India

Technical Skills

Programming Languages: Python, C

Web Development: HTML5, CSS, JavaScript

Technologies: Cloud Computing (AWS)

Tools : Git, GitHub

Productivity Tools: MS Office, MS Word, MS Excel, Power Point, Canva

Projects

Sign Language Detection Using LSTM

- The Implementation of AI-Powered Adaptive Communication for Differently abled People using Long Short-Term Memory focuses on developing an effective sign language detection system using Long Short-Term Memory (LSTM) algorithm.
- Sign Language Detection using Long Short-term Memory, crafting a custom LSTM architecture. Curated and preprocessed a diverse dataset for optimal model training. Achieved real-time sign language detection, deploying the system successfully.

Tools Used: LSTM algorithm, PyCharm, Python.

Automatic Vehicle Number Plate Recognition System

- Developed a security enhancement platform for hotels, government offices, and organizations, focusing on identifying vehicles entering restricted areas through image-based tag recognition.
- Automated the vehicle identification process, improving efficiency and accuracy in monitoring and controlling access to secure zones.
- Implemented a system for manual storage of vehicle details upon entry, ensuring a reliable record-keeping process for security purposes.

Tools Used: IR Sensor, Raspberry Pi, LCD Display, Servo Motor, OpenCV

Portfolio

- I have created my portfolio to showcase my skills in front-end development. The HTML provides the structure, CSS ensures the design is responsive and visually appealing, and JavaScript adds dynamic functionality to enhance the user experience.
- This portfolio highlights my ability to combine these technologies to create a user-friendly interface, manage interactive elements, and design layouts that adapt to different devices.

Tools Used: HTML, CSS, JavaScript

Internship

AWS Internship

Technical Hub

August 2022- December 2022

Gained valuable experience for around 150 days in deploying and managing server performance, as well as maintaining websites. This experience provided with a solid foundation in Computed technology, and was guided by knowledgeable mentors throughout my journey. Responsibilities include managing instances and server content, and maintaining them with load balancers and firewalls.

Certifications




AWS Cloud Practitioner

-AWS

Python Language

-IT Specialist

Achievements

Achieved 10+ Digital Skill Badges from  [AWS](#),  [IBM](#) &  [Cisco](#)

Received the Best Organizer Award for leading the Robotics Club at Vedha Fest.

Declaration

I hereby declare that all the information given above is true and correct to the best of my knowledge.

Date:

Ramesh Kada