

# Venkata Karthik Reddy Medagam

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- Seeking an opportunity to contribute my skills and dedication to a dynamic team in the industry and continue to learn and grow in a professional environment.

## EDUCATION

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### Vasireddy Venkatadri Institute of Technology

Bachelor of Technology in Information Technology, Secured an aggregate of **8.88 CGPA**

Andhra Pradesh, India

Jan. 2021 – May 2024

### Sri Chaitanya Junior College

Board Of Intermediate Examinations Andhra Pradesh, Secured an aggregate of **9.88 CGPA**

Andhra Pradesh, India

July. 2018 – Mar 2020

### Zilla Parishad High School

Board Of Secondary Education Andhra Pradesh, Secured an aggregate of **10 CGPA**

Andhra Pradesh, India

June. 2017 – Apr 2018

## PROJECTS

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### Farmers Bazaar

Mar 2024

- Designed a user-friendly web application using MERN stack for connecting local farmers with customers seeking fresh, high quality produce without any mediators.
- 47% of the population of India depends on agriculture and our platform will be useful for many farmers those who want to sell their goods in their desired prices.

### Sign Language Recognition

Nov 2023

- Developed Deep Learning models (GRU & LSTM) that interpret and understand sign language gestures and convert them into text.
- Technologies used: **Python** (OpenCV for reading images, Mediapipe for extracting landmarks and (GRU & LSTM) models for classifying signs). - Platform : Jupiter Notebook
- In conclusion GRU Model stands out the best with an accuracy between 96%-99% while LSTM results an accuracy 90%-94%.

### Mail Scheduler | Web Application

Apr 2023

- Designed a user-friendly web application using React Js which takes less than 3 sec. to load and is useful to schedule mails.
- Users have freedom to create, update and delete those mails from the queue before they sent.
- Software used: React Js (Front End), Node Js & Express Js ( Back End ) and MongoDB (Database).

### MyPhone | Android Application

Dec 2022

- It is useful in finding missing phones by accessing location and can access contacts, can lock the phone, can ring the phone with the help of sms services with a minimal latency of 1 sec.
- Software used: Android Studio, Java, Xml, Firebase

## TECHNICAL SKILLS AND INTERESTS

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- **Programming Languages:** C, Java, Python
- **Other Languages | Software Packages:** Html, CSS, Java Script | GitHub, Netlify, Vercel
- **Frontend and Backend Frameworks:** React.js, Node.js, Django
- **Interested in** Data Structures and Algorithms, DBMS, OOPS, MySQL

## CERTIFICATIONS

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- Completed Node.js certification provided by Udemy.
- Completed 12 hr. DBMS certification course provided by Udemy.
- Completed React.js certification provided by Great Learning.
- Secured 72% in Data Analytics with python by NPTEL.
- Completed Data Science with python in courser.

## ACHIEVEMENTS

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- Solved overall **150+ problems** on platforms like leetcode, GFG, HackerRank, and Code Tantra.
- Secured Rank 2655 in Leetcode weekly contest 352.

## POSITION OF RESPONSIBILITIES AND EXTRACURRICULARS

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- I was selected as a district level kabaddi player. - Volunteer, Board for Community Development through Education - BCDE.

## LANGUAGES KNOWN

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- English (professional proficiency) - Telugu (Native) - Hindi (Elementary Proficiency)

I hereby declare that all the above information is true as per my knowledge - Venkata Karthik Reddy Medagam.