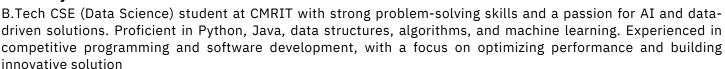
# Mekala Keerthan Reddy

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#### **Education**

## CMR Institution of Technology,

(2022-2026)

Bachelor of Technology in CSE(DS) CGPA: 7.44/10 Coursework: Data Structures & Algorithms, Operating Systems, Database Management systems, Computer Networks

**ABV Junior college** 

(2020-2022)

Intermediate 71.2% Vani High School

(2020)

SSC GPA:10/10

## **Projects**

**Virtual Painter** 

<u>GitHub</u>

- Built an interactive Virtual Painter using Python, OpenCV, and MediaPipe, achieving 95%+ gesture recognition accuracy in real-time
- Integrated 5+ gesture-based controls, including color selection, eraser mode, and canvas clearing, for a fully touchless drawing experience.
- Optimized computer vision algorithms, reducing processing latency by 30%, resulting in smooth, lagfree drawing at 30+ FPS.
- Incorporated 5 color options with dynamic switching, and gesture-based eraser for enhanced usability.
- Successfully hosted the project on GitHub with 100% documented codebase and showcased expertise in Computer Vision and Human-Computer Interaction (HCI).

Tech Stack: Python, OpenCV, MediaPipe, NumPy

Foodie

GitHub

- Designed and developed a 100% responsive web-based Online Food Ordering System with multi-page architecture using HTML, CSS, JavaScript, and Node.js backend.
- Built 7+ structured web pages, including Home, Menu, Signup, Login, Cart, Order Tracking, and an Admin Dashboard.
- Implemented Admin panel for managing menu items with CRUD (Create, Read, Update, Delete) operations.
- Organized project using MVC principles, featuring separate public, routes, views, and controller directories.
- Successfully hosted the project on GitHub with clear documentation and planned future enhancements including authentication, real-time tracking, and payment gateway integration.

Tech Stack: HTML, CSS, JavaScript, Node. js

### **Technologies**

Languages: C, Java, Python, SQL Databases: MYSQL, MONGODB Technologies: HTML, CSS

#### Certifications

EduSkills Android developer virtual intership Link Link HTML & CSS Python internship Link Link SOL

## **Coding Profiles**

- <u>Leetcode</u>
- CodeChef
- CodeForces

<u>Geeksforgeeks</u> <u>HackerRank</u>