

# VINITH REDDY BANDA

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## EDUCATION

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**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY**  
B.E in Information Technology

2023 - Present  
CGPA: 8.10

**GOVERNMENT POLYTECHNIC COLLEGE, WARANGAL**  
Diploma in Computer Engineering

2020 - 2023  
CGPA: 9.74

**MOUNT CARMEL HIGH SCHOOL**  
Secondary Education

2020  
GPA: 10

## SKILLS

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**Programming Languages:** C++, Java, Python, Kotlin.

**Web Development:** Node.js.

**Databases:** MongoDB.

**Libraries & Tools:** Git, Android Studio.

## PROJECTS

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### VERSATILE CONVERTER

- Developed a Python application with a minimalistic GUI to convert typed text into handwritten images and PDF files.
- Integrated Tesseract OCR to enhance the accuracy of text-to-handwriting conversion.
- Designed to assist students in generating handwritten notes efficiently from digital text.

### STUDENT DASHBOARD

- Built a centralized platform for tracking student marks, attendance, and administrative tasks using Node.js and MongoDB. –
- Implemented data visualization with Chart.js to enable easy monitoring of academic progress.
- Facilitated CRUD operations to improve data accessibility and management.

### TRACKOST

- Developed an Android app using Kotlin to calculate the total cost of using agricultural tractors based on hourly rates for different tools.
- Enhanced cost management for farmers by providing a clear and easy way to estimate expenses for agricultural tasks.

## CERTIFICATIONS

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- MongoDB Node.js Certification.
- Pupilfirst Web Development 101.

## ACTIVITIES

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- Volunteered for a Idea Presentation, managing and assisting over 20 participants, and actively participated in the event.
- Participated in the Google Cloud Workshop and received Google Cloud swags for being among the top 80 participants.
- Engaged in various coding challenges and activities, enhancing skills in collaborative development and version control.

## DECLARATION

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I hereby declare that the above information of mine is true to the best of my knowledge.

PLACE: HYDERABAD

VINITH REDDY BANDA