

BC JASWANTH REDDY

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EDUCATION

Indian Institute of Information Technology Raichur - CGPA: 6.1 / 10.0

B.Tech in Computer science engineering

NRI Junior Collega - Percentage: 87.5%

Sri Santhinikethan School - Percentage: 98.1%

Raichur

november 2022-Present

(2020-2022) Batch Guntur

(2019-2020) Batch Nandyal

WORK EXPERIENCE

Movie Booking System

Jun 2023 - Nov 2023

- Designed and implemented an online movie ticket booking system to streamline user experience.
- Developed features for seat selection, 3D view of theater and user account management.
- Using HTML, CSS, JavaScript, PHP.

Railway Crack Detection System

Jun 2023 - oct 2023

- Designed a system to detect railway track cracks using Acoustic Emission (AE) sensors and LoRa technology for real-time monitoring.
- Integrated AE sensors with LoRa for long-range data transmission, ensuring timely alerts and enhanced railway safety.

Mini Project – Image-based detection quality of fruits and vegetables using AI

Jan 2025 - April 2025

- Implemented a YOLO-based object detection model to classify fruits and vegetables as healthy or rotten and estimate the percentage of damage.
- Trained the model with own labeled dataset and optimized it for real-time prediction.
- Used Python, YOLOv8, and OpenCV for image processing, detection, and result visualization.

TECHNICAL SKILLS

- **Languages:** C, Python, Sql
- **Database:** MYSQL,RDBMS
- **Web Development:** html, css, javascript
- **Libraries :** numpy,pandas,Mathplotlib,opencv,pytorch,yolo
- **other:** Data structures,Power BI, Excel