



## Tiruvayeeapati Chandu

Roll No.: 23EEB0B34

B Tech

Electrical and Electronics Engineering

National Institute Of Technology, Warangal

+91-9063020359

✉ chandu.hns7@gmail.com

✉ tc23eeb0b34@student.nitw.ac.in

🔗 GitHub Profile

🌐 LinkedIn Profile

## Education

### •National Institute of Technology, Warangal

2023 - present

B Tech, Electrical and Electronics Engineering

CGPA: 6.88/10

### •Resonance Junior College

2021 - 2023

Board of Intermediate Education, Telangana

Marks: 959/1000

## Personal Projects

### •JobHaven – Job Portal Web App [\[Live Site\]](#)

June 2025

Full-stack platform enabling job seekers to apply and recruiters to manage applications.

GitHub Link [🔗](#)

- Tech stack: **React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Clerk, Cloudinary, Sentry**
- Deployed frontend and backend on **Vercel** with serverless custom API routes for scalable and fast performance.
- Job seekers can log in via Clerk, filter job listings, upload resumes, and track application status.
- Recruiters can post jobs, manage listings, and handle applicants through a personalized dashboard.
- Integrated Cloudinary for resume uploads and used Sentry for real-time error monitoring.

### •Gesture Controlled Robot

Oct 2024

Developed a real-time robotic simulation system where a robot responds to hand gestures captured via webcam.

GitHub Link [🔗](#)

- Tech stack: **Python, OpenCV, MediaPipe, PyBullet, NumPy**
- Implemented hand gesture detection using OpenCV and MediaPipe for accurate landmark tracking and command recognition.
- Built a robot simulation using PyBullet that translates hand gestures into movement commands.
- Integrated gesture recognition and robot simulation into a unified system, enabling seamless real-time control.

### •Book Notes

Jan 2025

A web application to track books read, rate them, and maintain notes.

GitHub Link [🔗](#)

- Tech stack: **Node.js, Express.js, PostgreSQL, Bootstrap, Open Library Covers API**
- Implemented full CRUD operations for book entries with real-time form interactions.
- Integrated Open Library Covers API to fetch and display book covers dynamically.
- Designed intuitive sorting features to organize books by title, recency, and user rating.

## Technical Skills and Interests

**Languages:** C++, Python, JavaScript

**Databases:** PostgreSQL, MongoDB

**Developer Tools:** Git, GitHub, Postman, VS Code, pgAdmin

**Frameworks:** React, Node.js, Express.js, Tailwind CSS, Bootstrap, REST APIs

**Soft Skills:** Problem Solving, Team Collaboration, Time Management, Communication

**Coursework:** Data Structures and Algorithms, Operating Systems, Computer Networks, DBMS, OOPS

## Positions of Responsibility

### •Robotics Club Volunteer

2023 – 2024

- Gained hands-on experience in robotics; explored **ROS 2**, simulations, and team projects.