



Name: Manchikatla Teja  
B.Tech in Computer Science and Engineering  
Indian Institute of Technology Tirupati, India



## Education Details

Program	Institute	Year	%/CGPA
Bachelor of Technology	IIT Tirupati	2025	8.63/10
Senior Secondary Education	Narayana Junior College	2021	98.6%
Secondary School Certificate	Rahmath Nagar High School	2019	10/10

## Areas of Interest

- Object-Oriented Programming
- Data Structures and Algorithms
- Web Development
- App Development

## Technical Proficiency

Operating Systems	:	Windows
Programming Languages	:	Python (Django), C++, HTML5, CSS3, Javascript, ReactJS, React-Native, NodeJS, ExpressJS, Java
Softwares/Tools	:	Visual Studio, LaTeX

## Projects

- **Academic Project: Web App (Culture Hub)** [Sept '23, Nov '23]
  - **Abstract:** Designed a Web App named Culture Hub. It is a social media website primarily focused on connecting people across cultures. Along with the basic functionalities of Image/Video posting and commenting on others' posts, we also included a culture specific ChatBot and a special feature under 3D models section where you are transported to a 3D room filled with the culture of that state of India. Worked in a team of 5. I was assigned the task of UI/UX and FrontEnd development, and also assisted BackEnd department to solve some bugs. The app is made using MERN stack, accompanied by OpenAI for chatBot and Three.js for 3D models.
  - **Web Link for the project:** <https://culturehub-two.vercel.app/>
  - **Github Link for the project:** <https://github.com/TejaManchikatla/CultureBeta/tree/master>
- **Personal Project: Injury Report WebApp** [Oct '23]
  - **Abstract:** A project where a person can log in and note the details of any number of injured persons and do related stuff with the data. This kind of apps can be widely used in domains like medical or police department where injuries are common to happen. I used MERN stack for this project. The project's frontend and backend are hosted on vercel and the link is given below.
  - **WebLink for the project:** <https://liefpro-client.vercel.app/>
  - **GitHub Link for the project:** <https://github.com/manchikatla-teja/LIEF>

- Academic Project: Android App (Donation Hub)** [Aug '23, 2 weeks]
  - **Abstract:** Designed an Android App named Donation Hub. It primarily focuses on connecting Donors and Receivers of various items such as Food, Clothes, any Instruments etc. Worked in a team of 5. I was assigned the task of UI/UX development, and I fixed errors. The app is made using React Native framework, accompanied by expo functionalities and Firebase and Firestore for Backend and DataBase respectively.
  - **Link for the project:** [https://github.com/TejaManchikatla/SWE\\_team4\\_DonationHub](https://github.com/TejaManchikatla/SWE_team4_DonationHub)
  
- Academic Project: Ruby Interpreter** [Nov '22]
  - **Abstract:** Designed an interpreter in Python for Ruby language. It took almost 4 weeks to complete the project. Worked in a team of 5 for this project.
  - **Link for the project:** <https://github.com/TejaManchikatla/Ruby-Interpreter>
  
- Personal Project: Weather Web** [Sept '23]
  - **Abstract:** A project where you can know the weather condition of a particular city. I used React for front-end, and Django for back-end and rest-API. To obtain information about weather, I used an external API from the internet.
  - **Link for the project:** <https://github.com/manchikatla-teja/WeatherApp>
  
- Academic Project: Simulation of Parking Lot** [Sept '22]
  - **Abstract:** Designed the simulation of a parking lot, using Java. Object oriented approach was followed while writing the code. It took almost 2 weeks to complete the project. Worked in a team of 5 for this project.
  - **Link for the project:** <https://github.com/TejaManchikatla/Parking-Lot-Problem>
  
- Academic Project: Simulation of ATM** [Oct '22]
  - **Abstract:** Designed the simulation of an ATM, using Java. Object oriented approach was followed while writing the code. It took almost 2 weeks to complete the project. It was a solo project.
  - **Link for the project:** <https://github.com/TejaManchikatla/ATM>
  
- Academic Project: 2048 Game** [May '22 - Jun '22]
  - **Abstract:** Designed a 2048 game, using HTML5, CSS3, Javascript. It took almost 3 weeks to complete the project. Code is written in a website called Codepen.
  - **Link for the project:** <https://codepen.io/Manchikatla/pen/yLvVyEx>
  
- Personal Project: Game - LIKOBH** [May '20 - Aug '20]
  - **Abstract:** Working on creating a game called likobh that is usually played in rural India. Worked on this project for almost 2 months, simultaneously learning HTML, CSS, JavaScript. The project is not completed yet but you can watch the controls and design of it.
  - **Link for the project:** <https://codepen.io/manchikatla-teja/pen/VwarGgJ>
  
- Personal Project: Stock Journal** [July '23 - Present]
  - **Abstract:** A project where the stock investors can keep track of their transactions and other progresses. The basic version of the site is completed by a relative of mine. I will work with him on the site to make it more user interactive and also design an Android version of the site. Learning Vue.JS for this project.

## Positions of Responsibility

### Class Representative, CSE '21

[Nov '21 - Jul '22]

- Act as a representative of the CSE '21 student body.
- I held the position of Class Representative for 2 semesters consecutively. I made sure that there were no problems in communication between the officials and the student body.

### Social Media Handle, Chaturanga - Chess Club IITT

[Jun '22 - May'23]

- Handle Instagram account of Chaturanga
- As a social media handler of Chaturanga, I posted the updates of tournaments held by Chaturanga. I handle the Instagram account along with another core member of the chess club.

### Content creator, Chaturanga - Chess Club IITT

[Jun '22 - May'23]

- Create content for the activity of Chaturanga
- As a content creator of Chaturanga, I write rulebooks for the tournaments along with another core member of the chess club. I make rulebooks feel funnier which helped the club to gather attention. I also make memes occasionally and make sure that Chaturanga groups are active.

### Co-ordinator, Chaturanga - Chess Club IITT

[Jul '23 - Present]

- Promote the chess culture of our institute
- As the co-ordinator of Chaturanga, I primarily focus on improving the chess culture of the institute. My team of 10 members and I work on it by organising events such as tournaments and workshops in the college.

## Extra Curricular activities

- NSS Volunteer
- Chess Club member

## Hobbies and Interests

- Watching Movies
- Writing stories
- Playing chess
- Reading books
- Surfing Internet