



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 (React, React-Native), Java
Softwares/Tools	:	Visual Studio, LaTeX

Projects

- **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>
- **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: 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>
- **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
- **Personal Project: Game - LIKOCH** [May '20 - Aug '20]
 - **Abstract:** Working on creating a game called likoch 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.
- **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>

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