



CONTACT

- +91 8500654654
- manasapanidapu@gmail.com
- Hyderabad. Telangana. 500072
- [LinkedIn](#)
- [GitHub](#)

SKILLS

- Technical:

Data Structures; Algorithms; OOPs concepts; Web Development; Front End; Data Analysis; Programming; Design

- Professional:

Problem Solving; Attention to detail; Teamwork; Analytical thinking; Time management; Creativity & Writing

TOOLS

Git; HTML5; CSS3; Javascript; Python; Java; MySQL; Php; Laravel; Numpy; Pandas; Matplotlib; Scikit-learn; PyTorch; TensorFlow; RestNet50; LLM

ACADEMICS

Woxsen University | Hyderabad
2021 - 2025 | Computer Science | 75%

FIITJEE | Hyderabad, India

2019 - 2021 | Intermediate MPC | 94.2 %

MVM | Hyderabad, India

2017 - 2019 | Matriculation | 94.8 %

LANGUAGES

- English (fluent)
- Hindi (fluent)
- Telugu (fluent)
- French (intermediate)

Manasa Panidapu



B.Tech - Computer Science and Engineering

Objective

Challenge driven individual seeking exposure to various perspectives, ideas and building interpersonal and technical skills. Enthusiastic about learning and creating distinctive ideas through necessary work ethic, teamwork and inspiration. Currently pursuing B-tech Year 4, aiming towards full stack, web development, AI and other technical skills.

Internship

I. May-July 2023

Societal Internship | Vikarabad, Hyderabad

Telemedicine - Promoting healthcare through technology

- Developed 'CONNECT' website.
- Developed a healthcare website enabling users to access non-emergency medical services by connecting directly with specialized doctors via WhatsApp for appointments and advice.
- Ensured privacy and security through end-to-end encryption, improving convenience, accessibility, and reducing patient wait times.
- Gained hands-on experience in project implementation, data analysis, and leveraging technology for societal impact.
- Utilized a mixed-methods approach to combine quantitative and qualitative data for comprehensive insights into user needs and system effectiveness.

II. March - June 2024

Industry Internship | Think Again Lab - Backend developer

- Trained in backend technologies with hands-on training in Laravel, PHP, Postman API, and Filament and worked with API security.
- Developed a Learning Management System backend using Laravel, collaborating with live clients to ensure functionality, reliability, security and user satisfaction.

Projects

Learning management system

Mar'24-Jun'24

- Laravel, PHP, MySQL, JavaScript, HTML, CSS, Postman, Filament
- Developed a feature-rich Learning Management System (LMS) to streamline online education by allowing students to enroll in courses, take quizzes, and track their progress, while instructors could manage content and student performance.

Charting Crypto: Machine learning approach on Bitcoin Price Prediction (AdaBoost & LSTM)

July'23-Oct'23

- Preprocessed and analyzed Bitcoin price data, designed and trained both AdaBoost and LSTM models for price prediction, and compared the performance of traditional ensemble learning with deep learning techniques.

Fairness in group recommendation system

Oct'24-Nov-24

- Python, TensorFlow, Scikit-learn, Pandas, NumPy, Collaborative Filtering, SVD, Fairness Metrics.
- Developed a group recommendation system aimed at ensuring fairness by balancing individual preferences within a group, using machine learning algorithms to suggest content (movies, products, etc.) that fairly represents the preferences of all group members.

Facial Recognition Based Attendance System

July'23-Oct'23

- Implemented face detection using Python, Local Binary Pattern Histogram algorithm, and the attendance details are logged into csv file and sent to the corresponding faculty through email.

Cross Domain Image retrieval

Oct'24 Nov'24

- This project was designed to allow users to input a query or image and retrieve visually similar images from different domains, such as satellite, drone images.

Certification

- 2023-11 | React Fundamentals (Coursera)
- 2023-04 | AI For Everyone (Coursera)
- 2024-08 | NASA Space Apps Challenge
- 2021-10 | Indo-Dutch Cyber Security

Achievements

- National Essay Writing Competition - 3rd place
- National rank 3 in Mathematics Olympiad

Hobbies

- Writing
- Travelling
- Learning languages

Co-Curricular Activities

- Been a part of Editorial board member for School of technology.
- Trained in inline and roller skating
- Moderately trained in piano playing