

Manuhya Reddy

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Location: Nellore, Andhra Pradesh, India.

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EDUCATION

Vellore Institute of Technology, Chennai, Tamil Nadu, India

B.Tech in Computer Science Engineering – CGPA – 8.79

2021 – Present

EXPERIENCE

AI&ML Intern

Remote-Chennai

August 2023 – September 2023

Cittaa Health Pvt Ltd

- Gained foundational knowledge in Machine Learning and Natural Language Processing (NLP).
- Contributed to developing Aishika, an AI-driven mental health chatbot.
- Assisted in sentiment analysis and depression detection.
- Collaborated with team members to improve software functionalities and user experience.

PROJECTS

ASL-Alphabet-Image-Recognition

Developed an ASL (American Sign Language) Alphabet Image Recognition system in a collaborative project. Played a key role in implementing the image processing and machine learning components using Python and frameworks like TensorFlow, ensuring an 85% accurate recognition and interpretation of ASL signs.

NewsGrid-Website

Developed a responsive news grid website with HTML, CSS, and Javascript for a dynamic frontend and PHP/MySQL for backend data handling. Features include multimedia content and interactive elements to optimize user engagement.

Cross-Lingual Speech to Image Generation

Currently developing a Janus-Whisper model for Speech to Image, fine-tuning it with LoRA and CLIP for domain-specific results, and writing a research paper alongside it.

SKILLS

Technical Skills:

Programming Languages: C++, C, Java, Python, MATLAB, SQL.

Web Technologies: HTML, CSS, JS, PHP, JQuery, XML.

Relevant Course Work: Operating Systems, Computer Networks, DBMS, OOPS, Data Structures and Algorithms, Information Security Management, Artificial Intelligence.

Non-Technical Skills:

Data Interpretation, Problem-Solving, Project Planning, Analytical Thinking, Time Management

ACHIEVEMENTS

- GATE RANK 2025- AIR 609
- IMO INTERNATIONAL 6TH rank conducted by SOF
- **Certification** - Completion of Training by IIT BOMBAY in Python, C&C++

POSITION OF RESPONSIBILITIES

President- Vitrendz_chennai

College community of over 18000 students

Central Marketing Committee Head – Vibrance 2024

Cultural Fest of VIT Chennai

Marketing Head- Voyage

First-ever Entrepreneurial Summit of VIT Chennai

