

CHALUVADI VENKATA SNEHITHA

 Github  LinkedIn  snehithachaluvadi@gmail.com  +91 6300384492

Education

Vellore Institute of Technology

B.Tech in Computer Science and Engineering; CGPA: 8.78

Sept 2022 – Present

Chennai, India

Narayana Junior College

Senior Secondary (State Board), 92.8%

2020 – 2022

Ongole, AP

Saibaba Central School

CBSE (X), 93.8%

2019 – 2020

Ongole, AP

Experience

Tech Lead Intern

Viswam.AI (joint initiative by Swecha & IITH)

May 2025 – July 2025

Hyderabad, Telangana

- Led development of AI pipelines using Python, NLP, and Transformer architectures; fine-tuned models and contributed to open-source solutions.
- Designed community-centric AI projects supporting linguistic diversity and real-world applications.

Ethnus

MERN Full Stack Development Intern

June – July 2024

[Live Demo](#)

- Built and deployed a full-stack Online Auction Platform using MERN stack.
- Implemented basic authentication and CRUD operations, which formed the core functionality of the project.

Projects

Personal Portfolio | Tailwind CSS, JavaScript

[Live Demo](#)

- Responsive portfolio website deployed via GitHub Pages to showcase academics, projects, and experience.

Fake News Containment in Social Networks (EGT Analytics) | Python, matplotlib, SQL

Aug 2025 – Ongoing

- Modeled strategy dynamics (Share/Verify/Correct/Ignore) over different graph structures (random, small-world, scale-free) to analyze misinformation spread, logged simulation outputs, visualized trends, and currently drafting a research paper.

HCI-Based Restaurant System | React

[Live Demo](#)

- Developed a responsive restaurant web application featuring menu browsing, booking, and feedback functionalities, all designed with Human-Computer Interaction principles to enhance user experience.

Integrated Fire Safety System | ESP8266, Sensors

Nov 2024

- IoT-enabled fire detection with flame/smoke sensors and GSM alerts for real-time emergency notifications.

Assistive Traffic Light System | Arduino

Nov 2023

- Arduino-based traffic signal using buzzer and LEDs to provide auditory and visual cues for visually impaired pedestrians.

IoT Solar Panel Monitoring System | NodeMCU, Solar Panel

Jan 2023

- Automatic solar street light system with real-time voltage/current monitoring using NodeMCU; controls LED lamps based on ambient light and charges the battery via solar energy.

Technical Skills

- **Languages:** Java, C, C++, Python, JavaScript, HTML, CSS
- **Frameworks & Libraries:** ReactJS, Node.js, Express, Tailwind CSS, MongoDB
- **Tools:** Git, GitHub, Arduino IDE
- **Concepts:** Full-Stack Development, Authentication, IoT, Embedded Systems, HCI

Achievements & Certifications

- **National Semi-Finalist – Flipkart GRiD 7.0 (2025):** Selected among top teams nationwide for innovative problem-solving.
- **MERN Stack Internship – Ethnus (2024):** Completed 6-week program building a full-stack web app with MERN stack.
- **Cryptography I – Stanford University (Coursera):** Gained hands-on understanding of AES, RSA, and SHA-256.
- **“A” Certificate – NCC (National Cadet Corps):** Qualified Pre-RDC with leadership and drill training.