

# MOHANA VAMSI CHENNAMSETTI

SOFTWARE INTERN

1-26-5, VENNELA RESIDENCY, TENALI, 522201

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## WEBSITES AND SOCIAL LINKS

**LinkedIn:** [linkedin.com/in/chennamsettimohana14](https://www.linkedin.com/in/chennamsettimohana14)

**GitHub:** [github.com/mohanavamsi14](https://github.com/mohanavamsi14)

## DESCRIPTION

Aspiring Software Engineering Intern with strong foundations in data structures and algorithms, computer architecture, and compiler design. Eager to contribute to high-performance systems and learn from cutting-edge projects in a fast-paced engineering team.

## PROJECTS

### BLOOD BANKING SYSTEM

*React JS, CSS, Spring Boot, MySQL*

- Designed a blood banking system for managing donor data, blood units, and transfusion safety.
- Built a user-friendly and optimized platform improving hospital-donor data accessibility.

### STUDENT INFORMATION SYSTEM

*Java*

- Implemented a student record system using dynamic memory allocation and linked lists.
- Supports attendance, class management, grading, and centralized student data.

### REAL-TIME VEHICLE DETECTION SYSTEM

*Deep Learning, Computer Vision, Python*

- Developed a real-time vehicle detection system identifying cars, trucks, buses, motorcycles, and bicycles.
- Trained a deep-learning model using curated datasets with preprocessing and augmentation.

### CCTV INCIDENT ANALYSIS AGENT

*Python, Deep Learning, Computer Vision*

- Built an AI system to detect incidents in CCTV footage using advanced vision techniques.
- Added LLM-based automatic timeline and summary generation.

## EDUCATION

### KL UNIVERSITY

B.Tech in Computer Science and Engineering

**2023 – 2027**

Vijayawada

### SRI CHAITANYA EDUCATIONAL INSTITUTION

Intermediate (MPC)

**2021 – 2023**

Vijayawada

### SRI CHAITANYA HIGH SCHOOL

SSC (10th standard)

**2020 – 2021**

Repalle

## SKILLS

Java  
C  
Computer Architecture

Python  
Full Stack Application Development  
Compiler Design