

# G.NIHITH SRI SATYA VARMA

Fresher

## CONTACT

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## PROFILE SUMMARY

Dedicated software developer with a strong focus on collaborative problem-solving and delivering high-quality solutions. Known for keen observational skills, hard work, and patience in navigating complex challenges, I am committed to continuous learning and contributing effectively to team success.

## EDUCATION

**2022-2026**  
**HYDERABAD INSTITUTE OF TECHNOLOGY AND MANAGEMENT(HITM)**

- Bachelor of Technology
- Computer Science
- GPA: 7.29/10.0

**2020-2022**  
**SRI CHAITANYA JUNIOR COLLEGE**

- TSBE
- MPC (Intermediate)
- Percentage: 87%

**2010-2020**  
**BHASHYAM HIGH SCHOOL**

- SSC
- GPA: 10/10

## SKILLS

- Python
- DSA using python
- AWS foundations
- Trained in data science

## PROJECTS

**Sliding maze (Game)** 2023  
Python, Pygame

- Developed an interactive puzzle game where the player solves a maze by sliding tiles to form a correct path game where the player solves a maze by sliding tiles to form a correct path from start to end. The game was built using Python with the Pygame library, featuring a graphical interface, smooth tile animations, and logic for detecting valid moves and win conditions.

**Wellness wills (Webpage)** 2024  
Python, JavaScript, HTML, CSS

- A website that recommends healthy diets with full recipe process step by step, it also shows time taken and total ingredients present in the recipe. The recommended diets is fully based on available veggies or ingredients from the user and it also calculates the amount of exercise that user needs to do based on their height and weight to be healthy.

**Student college chatbot (Chatbot)** 2024  
Python, JavaScript, HTML, CSS

- Created a web-based chat bot designed to assist students with academic queries and college related information. The front-end was developed using HTML, CSS, and JavaScript for an interactive user interface, while the back-end was implemented in python. The chat bot could answer FAQs, provide course details.

**Pneumonia detection model (Model)** 2024  
Python, Deep Learning, CNN

- Developed a deep learning- based system to classify chest X-ray images as normal or pneumonia using Convolution Neural Network (CNN). Pre-processed image datasets built and trained a custom CNN model and evaluated performance using accuracy and loss metrics. Achieved reliable detection results that demonstrate the model's potential to assist in early medical diagnosis.

## CERTIFICATES

- **Infosy:** Python Fundamentals
- **PCAP:** Core Python
- **Google Badge:** Prompt Design in vertex AI.
- **Google Badge:** Build real world AI Applications with Gemini and Imagen
- **Simplilearn:** Introduction to Cloud Computing
- **AWS academy:** Cloud foundations

## CURRENT PROJECT

### Real time rapid accident detection system for optimizing road safety (CRISIS CONNECT)

Under the curriculum of 6<sup>th</sup> semester, I along with a group of 4 members have been assigned to this project and prepared a conference paper and review-II document for this project.



Progress

## HOBBIES

- Learning about new technologies.
- Coding.
- Cricket.
- Drawing and painting.

## INTERNSHIP

Worked as an intern in Swecha IIIT;  
Participated in development of a Telugu LLM model

ROLE: Data collection and preprocessing  
DURATION: MAY 28<sup>th</sup> ,2025 to JUNE 25<sup>th</sup> ,2025

Certificate verification at:  
[https://learning.swecha.org/mod/customcert/verify\\_certificate.php](https://learning.swecha.org/mod/customcert/verify_certificate.php)

Code:BEAnGT3ZGC

## EXTRA CURRICULAR ACTIVITIES

- Runner up in drawing competition conducted by Sadhguru drawing academy
- Winner team on Zonal Cricket competition