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Tirupati, INDIA

# Mohana Vamsi Sowdepally

Undergrad Student in CSE(CYS)

## EDUCATION

### B.E in Computer Science with specialization in CyberSecurity

Amrita Vishwa Vidyapeetham : 2022-2026  
Coimbatore, INDIA

### Higher Secondary Certificate

Narayana Junior College : 2022  
Tirupati, INDIA

## Programming Languages Known

Python  
C++

## Skills

Web Development  
Capture the Flag Competitions  
UI/UX  
Database Management  
Cryptography  
Proficient with Linux systems

## Tools and Technologies

Burp Suite  
Wireshark  
Ghidra  
Selenium  
Github

## Description

Dedicated Computer Science student with proficiency in python and C++ with in-depth Knowledge on Cybersecurity. Proven skills in web development, UI/UX, database management, and cryptography. Proficient with Linux systems, with hands-on experience using tools like Burp Suite, Wireshark, Ghidra, Selenium, and GitHub. Adept at tackling complex cybersecurity challenges.

## Projects

### Leave Management System

Designed and Developed a simple website that allows Employees/Students to get Leaves approved by their superiors in a easy way, This project uses HTML, CSS, JS, MYSQL, Express framework in NODEJS.

### Web Automation with Selenium and Python

Created a python script that Automates sending messages on web WhatsApp.

### Pallier Cryptosystem implementation in Python and JavaScript

Implemented the Pallier Cryptosystem in Python with 1024 bit primes, and programmed the backend in JavaScript for a website for the same Cryptosystem.

## Achievements

Participated in final round of National level Capture The Flag (CTF) Conducted by Trust Labs IIT Bombay and were placed 13th on the score board.

Selected for TCS CodeVita round 2 (yet to participate)

Engaged actively in numerous Capture The Flag (CTF) competitions, and my newly formed solo team is currently ranked 178th in the country on CTFtime.org. In my previous team, we achieved a rank of 52