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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

Current CGPA: 8.66 / 10

Higher Secondary Certificate

Narayana Junior College : 2022

Tirupati, INDIA

Programming Languages Known

Python
C++

Skills

Web Development
UI/UX
Database Management
Cryptography
Proficient with Linux systems
Bash scripting

Tools and Technologies

Burp Suite
Wireshark
Ghidra
Selenium
Github
Node JS

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, Node JS Framework 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 security, and programmed the backend in JavaScript for a website for the same Cryptosystem.

Please visit https://mohanvamsi06.github.io/Portfolio/ for more details.

Achievements

Finalist in the national-level Capture The Flag (CTF) competition conducted by Trust Labs, IIT Bombay.
Achieved a rank of 925 in TCS CodeVita round 2 which was my first competitive programing competition.
Engaged actively in numerous Capture The Flag (CTF) competitions, and my newly formed solo team is currently ranked 43rd (as of 4th March 2024) in the country on CTFtime.org.