

# ALAKATI RITESH CHANDRA

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[zer0arc4.github.io](https://zer0arc4.github.io)

## Education

### B-Tech CSE (CYBER SECURITY)

Swami Vivekanada Institute of  
Technology- JNTUH  
Aug 2023 — May 2027

### Intermediate MPC - 77 %

ALPHORES JUNIOR COLLEGE  
— Mar 2023

### SSC - 88 %

SEVEN HILLS HIGH SCHOOL  
— Apr 2021

## Certifications

- Postman – API Fundamentals Student Expert
- OPSWAT – Introduction to Critical Infrastructure Protection
- TryHackMe – Advent of Cyber 2025
- Cisco – Introduction to Cybersecurity | Operating Systems Basics
- Hack The Box Academy – Linux Fundamentals | Introduction to Networking Web Requests

## Soft Skills

Collaboration, Problem-solving,  
Communication, Time management,  
Result-oriented

## Additional Skills

Active member of the college  
cybersecurity club.

Participated in Capture The Flag (CTF)  
competitions.

Attended cybersecurity webinars and  
workshops.

Pursuing structured learning in Ethical  
Hacking, Penetration Testing, Web  
Application Security, Vulnerability  
Analysis, and Red Teaming

## Languages

English, Telugu, Hindi

## SUMMARY

Highly motivated and detail-oriented B.Tech student specializing in Cybersecurity, with a strong foundation in networking, Linux, and ethical hacking. Eager to apply technical skills in real-world security environments through an internship or entry-level role. Committed to continuous learning, contributing to collaborative projects, and growing under the guidance of experienced industry professionals

## EXPERIENCE

### CyArt Tech

Jun 2026 — present

#### Red Teaming Intern

A technology company focused on cybersecurity solutions

- Selected for the Red Teaming Domain Internship within the Cyber Security department.
- Participating in practical cybersecurity training and offensive security learning activities.
- Developing foundational skills in penetration testing and red team methodologies

## SKILLS

- Languages: Python, Bash, Java, JavaScript, C, HTML, CSS
- Operating Systems: Kali Linux, Ubuntu, Windows
- Cybersecurity Tools: Nmap, Wireshark, Burp Suite, Caido, Metasploit
- Networking: TCP/IP, OSI Model, Subnetting
- Platforms: TryHackMe, Hack The Box, VirtualBox

## PROJECTS

### Cryptographic Hash Generator

[zer0arc4.github.io/Cryptographic-Hash-Generator](https://zer0arc4.github.io/Cryptographic-Hash-Generator)

Technologies: HTML, CSS, JavaScript, CryptoJS

- Developed a web-based cryptographic hash generator.
- Implemented a simple interface for generating hashes using JavaScript and CryptoJS.
- Strengthened front-end development and security-related implementation skills.

### Keystroke Logging System (Minor Project)

<https://github.com/zer0arc4/Keystroke-Logging-System>

Technologies: Python, JavaScript, Pynput, Node.js, Express.js

- Developed a Python-based keylogger client using Pynput to capture keystrokes.
- Implemented client-server communication using Requests and HTTP for log transmission.
- Built a web dashboard to store, monitor, and manage captured keystroke logs.