



# Yaswanth Surya Chalamalsetty

## Red Teamer and Cybersecurity Trainer

Hyderabad

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Github: <https://github.com/MrDark-X>

Dedicated and results-driven cybersecurity professional with a strong background in protecting critical assets and mitigating cyber threats. Proficient in implementing robust security measures, conducting risk assessments, and developing incident response strategies. Skilled in Penetration Testing, I excel in identifying vulnerabilities and implementing effective solutions. With a keen eye for detail and a passion for staying ahead of emerging threats, I am committed to safeguarding organizations from cyber risks. Strong communication skills and the ability to collaborate with cross-functional teams to ensure a secured digital environment. Ready to utilize my expertise and contribute to enhancing the cybersecurity posture.

## Professional Experience

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### Network Administrator

 Bytecode Cybersecurity Pvt Ltd | December 2021 - May 2022

- Act as primary point of contact for all network related issues
- Design, deploy, and monitor computer networks
- Configure and install software, servers, and other networking components
- Perform system upgrades, patch management, and security audits

### Cyber Security Instructor

 eHack Academy | September 2022 - September 2023

- Skilled in developing and delivering engaging course materials, lectures, and hands-on activities to teach cyber security principles
- Highly proficient in using various software, applications, and tools to facilitate learning and assessment
- Adept at leading discussions and providing feedback to help students understand complex concepts

### Cybersecurity Intern

 Tutelr Infinity Internships | April 2023 - June 2023

- Developed and implemented security policies, procedures and best practices to secure the organization's digital assets and data
- Conducted vulnerability assessments, penetration tests, and threat modeling to identify and address security gaps
- Developed custom tools and scripts to automate security processes
- Implemented incident response plans for potential cyber threats and system outages

### Red Teamer and Instructor

 Tutelr Infosec Ltd | September 2023 - Present

- Executed fullscope penetration tests and red team operations on both classified and unclassified networks
- Created and maintained a vulnerability management program
- Deployed and Implemented Wazuh and Splunk Tools
- Developed and implemented automated red team exercises

## Education

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**X in ICSE** Ramadevi Public School, Hyderabad | June 2012 - April 2016

**Intermediate** New noble Jr College, Hyderabad | July 2017 - April 2018

**Bachelor of Technology in Information Technology** Kakatiya University College of Engineering and Technology, Warangal | August 2018 - May 2023

## Key Skills

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- Good knowledge of Web Technologie & Computer networking.
- Good knowledge as a Penetration Tester in reference to Red-Team.
- Good knowledge of securing a NETWORK and DEVICES.
- Can Troubleshoot any issue in most of the technical scenario
- Able to Handle vulnerability Scanning Tools
- Sound knowledge in Linux Terminal and Administrative Tasks
- Has in-depth Knowledge in Digital Crime and Forensics

## Certifications

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**Certified Secure Computer User** (EC-Council)

**Certified Ethical Hacking** (EC-Council)

**Certified Network Defender** (EC-Council)

**Computer Hacking and Forensic Investigation** (EC-Council)

**EC-Council Certified Security Analyst** (EC-Council)

## Projects

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### Chrome Saved Password Extractor Tool

<https://github.com/MrDark-X/Chome-Saved-Password-Extractor>

### Text to Hash Converter Tool

<https://github.com/MrDark-X/text-to-hash-converter>

### Anti-Virus Script

<https://github.com/MrDark-X/Anti-Virus-Script>

### Red-Team Blue-Team Lab Environment

Established a Red-Team Blue-Team lab environment to simulate real-world cybersecurity scenarios.

Configured firewalls, intrusion detection systems (IDS), and intrusion prevention systems(IPS) to protect and monitor network traffic.

Conducted hands-on exercises to assess network vulnerabilities and devise effective defence strategies.

Gained practical experience in identifying and mitigating security risks, strengthening my skills in offensive and defensive cybersecurity techniques.

### Password Manager with Python and MariaDB

Developed a password manager application using Python programming language and passwords and MariaDB as the database.

Implemented robust encryption algorithms to securely store and manage user passwords and sensitive information.

Designed an intuitive user interface to facilitate easy password retrieval and management.

Employed secure database storage and implemented strict access controls to ensure data privacy and protection.

### Advanced Keylogger with Data Encryption and Mail Support

Built an advanced keylogger application using Python, incorporating advanced features to enhance privacy and security.

Implemented data encryption mechanisms to protect captured keystrokes and prevent unauthorised access.

Integrated mail support to enable remote monitoring and receive captured data securely.

Demonstrated a deep understanding of system-level interactions and information security, reinforcing my proficiency in ethical hacking and defensive strategies.

## Achivements

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Achieved 29th position out of 319 in Incognito2.0 CTF conducted by IIIT Lucknow.

Participated by DomeCTF conducted by Kerala Police

Conducted Faculty Development Program at VIT Chennai

Conducted Cybersecurity Seminar for Students at VIT Chennai