

# ROHAN N KARNKOTI

CYBER SECURITY RESEARCHER

<https://rohannk.com>

## ABOUT ME

CyberSecurity Researcher and a Red Teamer with over 2 years of experience in Network Security Assessment, Web Application Security Assessment, Red Teaming, Incident Response, and Programming. I am capable of conducting a penetration test or a Red Team assessment and writing a professional report based on the findings. I am a quick learner, eager to grow, and continuously work towards increasing my skill set.

## PROFESSIONAL EXPERIENCE

CyberSmithSECURE Pvt Ltd	
Feb 2023	<b>Red Team Operator</b> Conducted <b>Active Directory Assessments</b> and <b>Red Teaming Assessments</b> on Client Infrastructure with assumed breach methodology. Worked with multiple <b>C2 Servers</b> and <b>Red Team Tools</b> . Conducted <b>Phishing assessments</b> and <b>Social Engineering assessments</b> to test employee resilience. Developed <b>custom tools</b> for various types of assessments.
Sept 2022	<b>Security Analyst</b> Provided <b>Incident Response Support</b> to Clients during times of crisis and performed basic <b>Malware Analysis</b> of malicious samples. Conducted <b>Network and Web Application Penetration Testing</b> with <b>Quality Report Delivery</b> . Executed successful <b>Physical Pentesting</b> and <b>Social Engineering drills</b> . Assisted Dev Teams in mitigating and <b>patching vulnerabilities</b> .
Dec 2021	<b>Penetration Tester</b> Executed multiple <b>Internal</b> and <b>External Web applications</b> and <b>Network Penetration Tests</b> . Worked towards quick and <b>Quality Report Delivery</b> . Conducted <b>Thick Client Application Testing</b> .
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Nov 2021	<b>Python and Bash Programmer - Freelance</b> Designed and built <b>Shell Scripts</b> and <b>Python Programs</b> to <b>automate tasks</b> and <b>solve challenges</b> presented by clients.

## CERTIFICATIONS



○ Certified Red Team Lead (CRTL)



○ Certified Red Team Operator (CRTL)



○ Zephyr ProLab - HackTheBox



○ RastaLabs ProLab - HackTheBox



○ Offshore ProLab - HackTheBox



○ Certified Red Team Professional (CRTP)



○ Offensive Security Certified Professional (OSCP)



○ Dante ProLab - HackTheBox



○ Wreath Network - TryHackMe



○ FDP on CyberSecurity from NIT Patna



○ Throwback - TryHackMe



○ eLearnSecurity Junior Penetration Tester (eJPT)

## PROJECTS

GITHUB

○ HAVOC C2 EXTENSIONS

Created different **extensions** officially available for **Havoc C2 framework**. Porting various tools into the Havoc C2 framework to make it easier to carry out different **Post Exploitation** scenarios and **Process Injection** Techniques.

WEBSITE

○ [HTTPS://ROHANNK.COM](https://rohannk.com)

Personal **portfolio website** which also hosts my **mail server**. Learned about **basics of React** and about **Ubuntu Server Hardening** along with **deploying and managing** a cloud server.

GITHUB

○ LINUX RICE

Created **customizations** for the windows manager (dwm) and terminal (st) along with customized **Arch Linux** Environment. Learned about creating **custom Linux distros** and **patching** of certain programs for **increased efficiency**.

GITHUB

○ DMENU PENTEST

Created a **bash script** with customized dmenu to **automate tasks** during a pentest. Added **automatic shell stabilization** and **reverse shell command generator**. Also has support to **open applications** present in the system with different permissions.

## EDUCATION

B.Tech  
2025

○ CMR Institute of Technology  
Bachelors in Computer Science Engineering

SCHOOL  
2021

○ Ryan International School  
High School