

ROHAN N KARNKOTI

CYBER SECURITY RESEARCHER

<https://rohannk.com>

ABOUT ME

CyberSecurity Researcher and a Red Teamer with over 3 years of experience in Network Security, Web Application Security, Red Teaming, Incident Response, Malware Development, Malware Analysis, and Programming. I am capable of conducting a Penetration Test or 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

April 2024	Malcore Software Developer Designed and built a Python Application for a community learning platform implementing agile development procedures and modularization along with handling core communications between different teams.
	CyberSmithSECURE Pvt Ltd
Feb 2023	Red Team Operator Conducted Active Directory Assessments and Red Teaming Assessments on Client Infrastructure with assumed breach methodology. Worked with multiple C2 Servers and Red Team Tools . Conducted Phishing assessments and Social Engineering assessments to test employee resilience. Developed custom tools for various types of assessments.
Sept 2022	Security Analyst Provided Incident Response Support to Clients during times of crisis and performed basic Malware Analysis of malicious samples. Conducted Network and Web Application Penetration Testing with Quality Report Delivery . Executed successful Physical Pentesting and Social Engineering drills . Assisted Dev Teams in mitigating and patching vulnerabilities .
Dec 2021	Penetration Tester Executed multiple Internal and External Web applications and Network Penetration Tests . Worked towards quick and Quality Report Delivery . Conducted Thick Client Application Testing .
Nov 2021	Python and Bash Programmer - Freelance Designed and built Shell Scripts and Python Programs to automate tasks and solve challenges presented by clients.

CERTIFICATIONS



Certified Red Team Lead (CRTL)



Certified Red Team Operator (CRTO)



Certified Red Team Professional (CRTP)



Offensive Security Certified Professional (OSCP)



FDP on CyberSecurity from NIT Patna



eLearnSecurity Junior Penetration Tester (eJPT)

PROJECTS

GITHUB

CHAILDR - AV EVASIVE PAYLOAD LOADER

Created a Malware which **fetches shellcode from a secure server** and injects it into the process using **QueueUserAPC** technique implementing **Indirect Syscalls** and **API Hashing** along with **delay execution** and **IAT Camouflage** to **evade AV**

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