Omkar Chavhan

Cyber Security Researcher

Maharasta,Yavatmal | +917517692287 | chavhanomkar702@gmail.com | https://github.com/omk4r72

Profiles

omk4r72

omkar-chavhan

omkarchavhan72

Summary

Cybersecurity Professional with 4+ years of experience in Red Teaming, Malware Analysis, Reverse Engineering, CTF Challenges, and Binary Exploitation. Skilled in uncovering vulnerabilities, developing security automation tools, and analyzing advanced malware threats with expertise in ethical hacking and system defense.

Education

Waikanga College Engineering And Man (WCEM   **2025**
In Computer Science   Diploma
8.1

Projects

Automated Unpacking & Decryption Framework for Malware Analysis | Github

- Developed a framework to automatically unpack and decrypt malware samples, reducing manual analyst effort.
- Integrated machine learning models for behavior-based classification to detect advanced evasion techniques

Malware Analysis Operating System | Github

- Designed and built a Linux-based OS specialized for malware analysis.
- Integrated static & dynamic analysis tools, reverse engineering suites, and sandboxing environments

Built a blockchain-based system to ensure tamper-proof digital evidence tracking | Github

- Developed a blockchain-backed system for tamper-proof digital evidence tracking.
- Implemented smart contracts to enforce data integrity, authenticity, and secure forensic handling.
- Ensured transparency and auditability in digital forensic investigations

Volunteering

Gujarat Cyber Cell   Gujrat
Offsec Expert

Protected 20+ Website and Many More +

Nagpur Cyber Cell   Nagpur
OSINT Expert

Find the Malware In Third Party Application + many

Skills

Malware Analysis & Reverse Engineering
● ● ● ● ●

Red Teaming & Ethical Hacking
● ● ● ● ●

Red Teaming & Ethical Hacking
● ● ● ● ●

Exploit Development
● ● ● ○ ○

Security Automation & Scripting
● ● ● ● ●

Operating Systems & Environments
● ● ● ● ○

Certifications

CRTA   Aug -2025
https://labs.cyberwarfare.live/credential/achievement/689da87c7c217ee6bfbd737d

Certified Information System Security Professional (SSCP)   Sep - 2023
https://app.cybrary.it/courses/api/certificate/CC-62664d26-1c36-4f6f-9180-7bb49301217c/view

Red Teaming Certification   Jul - 2024
https://tryhackme.com/certificate/THM-O8KZWCFKMA

Android Bug Hunting   Feb - 2024
https://learn.eccouncil.org/certificate/e547b985-e7e3-4306-ba57-4d48823630d4?logged=true

Sql Injection Attack   May -2033
https://learn.eccouncil.org/certificate/b6f86a26-4e59-4973-8537-1ba0452fd198?logged=true

Ethical Hacking   Jan -2023
https://learn.eccouncil.org/certificate/8f51adbe-45db-454a-8170-a25e2f7183b4?logged=true

Languages

English
● ● ● ● ●

Hindi
● ● ● ● ●

Marathi
● ● ● ● ●