Kunal Walavalkar

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EDUCATION

2020 – 2024	**Bachelors of Engineering**	Mumbai, India
	Vidyalankar Institute of Technology	
2022 – 2024	**Honors in Cybersecurity**	Mumbai, India
	Vidyalankar Institute of Technology	

PROFESSIONAL EXPERIENCE

Digital Forensics Intern
Cyber Secured India

PROJECTS

O.S.S.O.C 🔗
Proof of Concept for an open-source Security Operations Centre which has automation capabilities.

D|Cipher 🔗
Cryptography toolkit that allows users to encrypt and decrypt their text using an algorithm of their choice.

Hexplorer 🔗
Command-Line utility to dump the binary and hexadecimal rendition of a file.

Probe 🔗
Portscanner that implements multithreading for swift scans.

Write-ups 🔗
Collection of write-ups to assist others in solving various CTF challenges.

Signum 🔗
Web based application that allows users to generate passwords and check the strength of their passwords.

RiSkore 🔗
Calculates the risk faced by an organization based on the following factors: Threat agent, Vulnerability, Technical impact, Business impact.

CERTIFICATIONS

eJPTv2 🔗
Junior Penetration Tester certification offered by INE (F.K.A. eLearnSecurity)

Google Cybersecurity Certification 🔗
Cybersecurity Professional Certificate offered by Google

SKILLS

Reverse Engineering
Tools: GNU Debugger, Cutter, Ghidra, Flare VM, REMnux
Languages: Assembly, C

Penetration Testing
Tools: Burpsuite, Nmap, Metasploit
Operating Systems: Windows, Linux

Programming
Languages: Python, Assembly, C