

Kunal Walavalkar

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EDUCATION

2020 – 2024	Bachelors of Engineering <i>Vidyalankar Institute of Technology</i>	Mumbai, India
2022 – 2024	Honors in Cybersecurity <i>Vidyalankar Institute of Technology</i>	Mumbai, India

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

ICCA

INE Certified Cloud Associate

NSE 1

Fortinet Network Security Expert 1

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