


# Kunal Walavalkar

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## EDUCATION

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

## PROFESSIONAL EXPERIENCE

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### Digital Forensics Intern

*Cyber Secured India*

## PROJECTS

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### 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

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### 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

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### 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