

# Yash Gholap

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LINKS	<a href="#">github.com/CRUSVEDER</a> , <a href="#">crusblog.vercel.app</a> , <a href="#">myportfolio-yash.vercel.app</a>		
PROFILE	<b>Cybersecurity enthusiast</b> with a B.E. in Computer Engineering (Mumbai University, 2021–2025) and a strong focus on ethical hacking, digital forensics, and secure software development. Built projects including malware scanners, steganography tools, and password managers. Completed 200+ CTFs across PicoCTF, HTB, and THM; Advent of Cyber 2024 participant. Python certified and currently pursuing Google’s Cybersecurity Professional course. Dedicated to tackling real-world security challenges.		
EDUCATION			
Mar 2018 — Mar 2019	Secondary School Certificate, Wisdom English High School		Murbad
Mar 2019 — Mar 2021	Higher Secondary Certificate, Panna English High School and Junior College		Badlapur
Jan 2021 — Jan 2025	Bachelor of Computer Engineering specialization in CyberSecurity, Internet of Things & Blockchain Tech, Mumbai University		Mumbai
SKILLS	Python programming Linux administration Network analysis with Wireshark Security testing using Burp Suite Penetration testing with Metasploit Version control with Git	Network scanning via Nmap Open source intelligence gathering Cryptography techniques Real-time OS hacking Critical Thinking	
INTERNSHIPS			
Jun 2025 — Aug 2025	Cybersecurity Intern, Nullclass		Remote
Jan 2024 — Feb 2025	Web development, Internpe		Remote
CERTIFICATE	Wireshark: Packet Analysis and Ethical Hacking: Core Skills		
	Mastering Server-Side Request Forgery (SSRF) Vulnerabilities		
	Mastering Authentication Vulnerabilities - Ultimate Course		
	Mastering SQL Injection - The Ultimate Hands-On Course		
	Google Cybersecurity Professional		
	Python Programming		
	Hack real-time operating systems		

### PROJECTS

#### MD5 Malware Scanner

A lightweight, GUI-based malware scanner built with Python and Tkinter that detects malicious files using MD5 hash signatures. It allows users to scan local directories and compare file hashes against known malware fingerprints.

#### password manager using SHA256 and 2FA

Python-based password vault manager that allows you to securely store, retrieve, and manage your passwords using encryption and hashing techniques. It also includes features for password generation, strength checking, and two-factor authentication (2FA).

#### AI-Powered PDF Summarization and Q&A tool

AI-powered web application designed to summarize PDFs and answer questions based on their content Summarization Model Fine-tuned BART/T5 (Hugging Face) Q&A Model DeepSeek-R1 via Ollama.

#### Image Steganography tool

A Python-based command-line utility to hide (encode) and extract (decode) secret messages inside image files using Least Significant Bit (LSB) steganography. This tool leverages the Pillow library to manipulate image pixels and embed messages in an imperceptible way

#### ScanForge: Advanced TCP Port Scanner

This advanced TCP port scanner uses Scapy to perform efficient SYN scans across IP ranges and port sets. It supports multithreading for faster results and includes optional banner grabbing to identify running services. Users can specify targets and ports via command-line arguments. security testing, and forensic investigations.