

ABHIRAJ SINGH CHAUHAN

Cybersecurity Analyst | SOC Operations | Penetration Testing | Digital Forensics
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PROFESSIONAL SUMMARY

Detail-oriented Cybersecurity undergraduate with hands-on experience in SOC operations, ethical hacking, vulnerability assessment, penetration testing, digital forensics, and malware analysis. Proficient with industry-standard security tools including Splunk (SIEM), Metasploit, Burp Suite, Wireshark, and Autopsy. Active CTF competitor with 20+ labs on TryHackMe and HackTheBox. Strong communicator with demonstrated public speaking experience at Cyber Awareness Programs. Seeking Security Analyst, SOC Analyst, or Penetration Tester roles.

INTERNSHIP EXPERIENCE

SOC Analyst Intern – Tech Hierarchy | Mar 2026 – Present | Remote

- Participated in a structured Cybersecurity Internship and Training Program focused on Security Operations Center (SOC) practices.
- Gained hands-on experience in monitoring, detecting, and analyzing security incidents in real-world cybersecurity scenarios.
- Developed foundational skills in cybersecurity tools, log analysis, security monitoring techniques, and threat detection & incident response.
- Completed assigned tasks and practical exercises within deadlines, maintaining professional and ethical standards.

Cyber Security & Ethical Hacking Intern – CyberZero.Club | Aug 2025 – Present | Remote

- Conducted penetration testing and vulnerability assessments using Nmap, Burp Suite, and Metasploit.
- Assisted in simulated attack scenarios and incident response drills; performed vulnerability assessment following standard cybersecurity methodologies.

Cyber Security Intern – ShadowFox | Aug 2025 – Present | Remote

- Hands-on exposure to network security monitoring, SIEM log analysis, and malware behavior tracking.
- Worked on SOC fundamentals including alert analysis, log correlation, and incident triage; participated in mentor-guided CTF challenges.

Cyber Security Intern – Redynox | Jul 2025 – Present | Remote

- Performed vulnerability scanning, threat analysis, and basic digital forensic investigations.
- Contributed to reports summarizing mitigation steps and incident findings.

TECHNICAL SKILLS

Security Tools: Kali Linux, Metasploit, Burp Suite, Nmap, Wireshark, John the Ripper, Hydra, Hashcat, Splunk (SIEM), Steghide, ExifTool

Digital Forensics: FTK Imager, Autopsy, Volatility, NTFS Artifact Analysis, Deleted File Recovery, Memory Forensics, File Carving

Malware Analysis: Ghidra, Static Analysis (Strings, PE structure), Dynamic Analysis (Sandbox), PDF Malware Detection

Networking: Wireshark, TCP/IP Analysis, Network Traffic Analysis, Suspicious Traffic Identification

Security Domains: SOC Operations, Incident Response, Threat Detection, Vulnerability Assessment, Penetration Testing, Web Application Security, Network Security

Programming / Scripting: Python (log parsing, automation, Scapy), Bash, Java, C (Basics)

CTF Platforms: TryHackMe (Intermediate – 20+ rooms), HackTheBox, picoCTF, Blue Team Labs Online

PROJECTS

Malware Analysis & Detection System (Ongoing)

- Developing a Python-based static analyzer to detect malicious PDF payloads using signature-based and heuristic detection methods.

AI-Driven Ransomware Detection – IntrusionX Hackathon 2025

- Built static analysis tool to identify encryption-based anomalies in files; ranked in Top 15 Teams at IntrusionX Hackathon 2025, GLA University.

Digital Forensics Case Study

- Forensic investigation on sample disk image and memory dump using Autopsy and Volatility; recovered deleted evidence, prepared chain-of-custody report.

Network Packet Sniffer | Phishing Simulation Lab

- Python (Scapy) packet capture tool to analyze network traffic and flag suspicious connections. Designed controlled VirtualBox test environment using Kali Linux and Metasploitable to simulate and analyze phishing campaigns.

CERTIFICATIONS

- Certified C++ Practitioner Professional (CCPP) – Red Team Leaders | Mar 2026
- Certified Cybersecurity Educator Professional (CCEP) – Red Team Leaders | Mar 2026
- CNSP (Certified Network Security Practitioner) | CBTP (Certified Bug Testing Professional) | CCNA – Cisco Networking Academy
- IBM Cybersecurity Analyst Professional Certificate (Training In Progress)
- EC-Council Network Defense Essentials (NDE) | Cybersecurity – Tech Mahindra Foundation (Skill India Digital Hub)
- Cyber Awareness – AI Basics – NIIT Foundation | Cisco Introduction to Cybersecurity – Networking Academy
- TryHackMe Learning Paths: Careers in Cyber, Defensive Security, Offensive Security, Networking, Linux Fundamentals, Nmap, OpenVPN

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- 2nd Place – Pentest Showdown, Technavya 2.0, GLA University – competed solo for 18 hours on GOPWNIT platform (username: 'bhaiya_ji'); sharpened practical penetration testing skills in a real-world CTF-style environment.
- 6th Rank – EscalateX v2 CTF (cryptography, steganography, and exploitation)
- Global Rank 127 / 1539 Teams – Participant Fetch The Flag CTF by Snyk
- Top 20 Teams – Cybersecurity CTF Hackathon, AISS 2025 (DSCI – NASSCOM Initiative)
- Speaker – Cyber Awareness Program, MLDV Public School, Hathras; discussed Malware, Ransomware, Phishing, and Social Media Safety representing GLA University.
- Speaker – Cyber Awareness Program, St. GD International School, Karhal (Mainpuri) under Cyberonites Club banner; topics: cybersecurity, online privacy, digital ethics.
- Technical Team Member & Speaker – Delivered Digital Forensics session at Cyberonites Club Event, GLA University.
- CFSS Cyber Volunteer – Social Media Promotion @ CFSS Cyber | Ethical Hacking & Network Security Basics.
- Completed 50+ hands-on labs on TryHackMe & HackTheBox – reconnaissance, exploitation, and blue-team defense strategies.

EDUCATION

B.Tech in Computer Science & Engineering | GLA University, Mathura | 2024 – 2028 | CGPA: 7.88

Languages: English (Professional) | Hindi (Native)