

Omkar Singh

Phone: 8445400975 | **Address:** Roorkee, Uttarakhand | **Nationality:** Indian | **Languages:** Hindi & English

LinkedIn: <https://www.linkedin.com/in/omkar-singh-74364b254/>

E-mail: omkarbdo1998@gmail.com

X: https://x.com/Jerry_TecOm

Profile

Aspiring digital forensics and cybersecurity professional with hands-on experience in forensic investigations, incident response, and vulnerability assessment. Skilled in analyzing digital evidence, recovering deleted data, and identifying security threats using industry-standard forensic tools. Passionate about forensic research, cybercrime investigation, and continuous learning to enhance technical expertise.

Skills & Technical Proficiency

- **Pentesting & VA:** Web, Network, OSINT, Cloud Security
- **Security Tools:** Burp Suite, Metasploit, Nessus, Nmap, Wireshark, Nikto, Gobuster, ffuf
- **Programming:** Python, Bash, C, C++, JavaScript, PowerShell
- **OS:** Kali Linux, Windows, Ubuntu (for penetration testing)
- **Incident Response & Threat Hunting**

Projects & Interests

- **Pentesting Lab Setup:** Simulated attack environment for skill enhancement.
- **Security Testing Script:** Created automated vulnerability assessment script in Bash for network testing.
- **Disk Forensics Investigation:** Recovered and analyzed **deleted files, registry entries, and forensic images** to extract digital evidence.
- **Forensic Log Analysis & Threat Hunting:** Utilized **SIEM tools and forensic log analysis** to identify suspicious activities and potential security breaches.
- **Firewall Implementation & Bypass Techniques:** Researched **firewall security models** and penetration testing techniques to assess bypass methodologies.
- **Phishing Simulation & Social Engineering Analysis:** Developed **custom phishing attack simulations** to train students on email security and social engineering awareness.
- **Researching Emerging Cyber Threats** – Focuses on **cybercrime investigations, malware forensics, and threat intelligence**.

Experience

Assistant Trainer, Cyber Hunters (Aug 2023 – March 2025)

- Conducted cybersecurity training, focusing on pentesting methodologies.
- Designed hands-on labs for real-world security testing.
- Provided mentorship to aspiring ethical hackers.

Cybersecurity Internships (Remote)

- **Codtec IT Solutions (Nov 2024 – Dec 2025):** Performed security assessments & vulnerability tests.
- **Codectechnologies (Nov 2024 – Jan 2025):** Assisted in pentesting projects & network security audits.
- **TheRedUsers (Dec 2024 – Jan 2025):** Conducted OSINT research & ethical hacking exercises.

Web Developer Intern, Internpe

- Developed secure web applications with cybersecurity best practices.

Education & Certifications

Quantum University – B.Tech (Hons) in Cybersecurity (Aug 2023 – Present)

- **Google Professional Cybersecurity Certification – Coursera**
- **Gold Certificate in IT Wizard Competition**
- **Advanced TryHackMe Challenges [Cybersecurity 101]**
- **Cybersecurity job simulation-Mastercard[Forage]**