Sagnik Das

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TryHackMe | Portfolio

PROFESSIONAL SUMMARY

A passionate Cybersecurity Specialist with hands-on expertise in penetration testing, OSINT, and digital forensics, proficient in tools like Kali Linux, Nmap, and SIEM solutions. A tech-driven explorer who loves solving complex security challenges, building innovative solutions, and hitting the road for new adventures

EDUCATION

Kalinga Institute of Industrial Technology | *CSSE (B. Tech)*   *Bhubaneswar*| *IND* | **07/2021-07/2025**

Delhi Public School | XII (Science)   *Kolkata*| *IND* | **04/2019-04/2021**

CERTIFICATIONS & EXTRA CURRICULAR

CompTIA Security+ (Expected 04/25) / TryHackMe SOC L1
Google Cybersecurity Professional Certification. (See Credentials)
Qualys Vulnerability Management Detection and Response Specialist Certification (Exp: February 2027) (See Credentials)
Forage Virtual Internships: Tata Cybersecurity Security Analyst Job Simulation (Nov 2024)| AIG Shields Up: Cybersecurity Virtual Experience (Jan 2025)| Mastercard Cybersecurity Virtual Experience (Jan 2025).
Workshop: ICDCIT Cyber Security & Generative AI workshop 2024

EXPERIENCE

Penetration Tester Intern | **Academor** (Certificate| RL)   *Bengaluru. IND* | **01/2024-02/2024**
- Completed a month-long intensive training (45% theory| 55% hands-on VAPT).
- Conducted a one-month (55%) hands-on Vulnerability Assessment and Penetration Testing (VAPT) on an authorized web application| identifying 10+ critical and high-risk vulnerabilities| including Cross-Site Scripting (XSS)| SQL Injection| and File Inclusion vulnerabilities using OWASP ZAP.
- Collaborated with developers to mitigate security vulnerabilities| reducing risk exposure by 40% through secure coding and improved security configurations.

PROJECTS

- Solid-State CPU Cooler – Designed a piezoelectric jet-based CPU cooling system| including a 3D-modeled prototype for efficient heat dissipation.
- Real-world VAPT Project – Conducted a 2-week penetration test using OWASP ZAP | identifying 10+ vulnerabilities and reducing security risks by 40%.
- Developed a personal cybersecurity portfolio (sdevop.com) to showcase penetration testing | OSINT investigations| and vulnerability assessments.

SKILLS

Programming Languages: Python | Bash | Shell Scripting | JavaScript | HTML| CSS | C/C++ | Ruby | SQL
SIEM & Log Analysis: Splunk | Windows Event Viewer | Sysmon
Network Security & Traffic Analysis: Wireshark | Zeek | Snort.
Penetration Testing & Exploitation: Nmap | Hydra | John the Ripper.
Threat Intelligence & Malware Analysis: VirusTotal | YARA Rules | Cisco Talos.
Networking & Systems: Kali Linux | Ubuntu | Windows Security (Sysinternals Suite).
Development & Engineering: Blender | Tinkercad.
Frameworks & Methodologies: MITRE ATT&CK | Cyber Kill Chain | NIST Cybersecurity Framework| ISO 27001.

Hobbies: Tech-driven explorer   languages: English (Professional), Hindi (Speaking), Bengali (Fluent)

END OF RESUME