

Sagnik Das

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[Portfolio](#)

PROFESSIONAL SUMMARY

Cybersecurity enthusiast with hands-on experience in penetration testing, threat detection, and CTF labs. Skilled in tools like Nmap, Burp Suite, and Splunk. Actively building red and blue team capabilities while pursuing certifications like Security+, PNPT, and OSCP. Focused on practical learning, ethical hacking, and becoming industry-ready.

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

Google Cybersecurity Professional Certification. ([See Credentials](#))

Qualys Vulnerability Management Detection and Response Specialist Certification (Exp: February 2027)

([See Credentials](#))

TryHackMe ([Pre Security](#), [Cyber Security 101](#), [Web Fundamentals](#), [Jr Penetration Tester](#))

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.
- TryHackMe Challenges / CTF participations.

SKILLS

Programming Languages: Python | Bash | Shell Scripting | JavaScript | HTML | CSS | SQL

SIEM & Log Analysis: Splunk | Windows Event Viewer | Sysmon

Network Security & Traffic Analysis: Wireshark | Burp suite | Nikto.

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 | OWASP Top 10.

Hobbies: Tech-driven explorer

languages: English (Professional), Hindi (Speaking), Bengali (Fluent)