

SOVAN DAS

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Career Objective

Dedicated and passionate cybersecurity enthusiast with a B.Sc. in Digital Forensic and a strong foundation in Digital Forensics, OSINT, VAPT with hands-on experience through internship, labs, CTFs, and academic projects. Strong analytical mindset with excellent communication, detail-oriented, problem-solving, and collaborative skills. Passionate about learning and sharing knowledge, actively contributing to the cybersecurity community through my LinkedIn, GitHub repositories and educational YouTube channel "Das InfoSec." Seeking an entry-level role where I can apply my technical expertise, grow as a professional, and support the organization's security goals.

Technical Skills

- **Security Concepts:** CIA Triad, OWASP Top 10, Encryption/Hashing, Social Engineering
- **Operating System:** Windows, MacOS, Linux (Kali Linux, Parrot OS, CAINE, Tsuugi Linux)
- **Networking:** OSI & TCP/IP models, routing, switching, firewall, IDS/IPS, LAN/WLAN, network protocols & services
- **Network Security:** Nmap, Wireshark, Burp Suite, Metasploit, Nessus, OpenVAS, Aircrack-ng
- **Web Application Security:** OWASP ZAP, Acunetix, Nikto, Gobuster, ffuf, SQLmap, XSSStrike, Commix
- **Cloud Security:** AWS CLI, Azure Security Center, Flaws.cloud
- **AI & Automation:** Microsoft Security Copilot, Darktrace, Sec-Gemini, Splunk (SIEM Basics)
- **Malware Analysis:** PeStudio, Ghidra, Cuckoo Sandbox, VirusTotal
- **Digital Forensics:** FTK Imager, Autopsy, Volatility, Magnet AXIOM, Cellebrite, EnCase, Belkasoft X
- **OSINT:** Maltego, SpiderFoot, Shodan, Recon-ng, theHarvester, Google Dorks, FOCA, Whois Lookup
- **Basic Scripting:** Python, Bash, PowerShell, JavaScript

Internship Experience

Penetration Tester Intern
TCR Security, Jaipur

Oct 2024 – Present
Remote

- Conducted VAPT on web applications and networks using tools like Burp Suite, Nmap, and Nikto.
- Reported vulnerabilities like SQLi, RCE, XSS and submitted actionable remediation steps.
- Practiced bug hunting, recon, and privilege escalation in lab environments.

Projects

Forensic Imaging and Analysis of a USB Drive

- Created a forensic image of a USB drive using FTK Imager and verified data integrity with hash values.
- Analyzed deleted files and user activity using Autopsy; documented findings in a structured forensic report.

CTF Challenge Solver – OffSec Proving Grounds, HackTheBox & TryHackMe

- Solved 20+ CTFs involving reconnaissance, enumeration, exploitation, password cracking, privilege escalation challenges.

Certifications and Achievements

- Windows Forensics with Belkasoft, Android Forensics with Belkasoft – Belkasoft
- Digital Forensics Essentials (D|FE), Ethical Hacking Essentials (E|HE), Network Defense Essentials (N|DE) – EC-Council
- Ground Zero Hackathon 2023 – Top 30 Rank, out of 150+ Teams, Organized by Indian School Ethical Hacking
- Kolkata Police Hackathon 2022 – Top 50 Rank, out of 250+ Teams, Organized by Kolkata Police and IEMLab

Education

Bachelor of Science in Digital Forensic
Maulana Abul Kalam Azad University of Technology, Kolkata
CGPA: 8.70/10 (82.65%)

Completed: Sept 2024

Languages

- Bengali – Native
- Hindi – Fluent
- English – Professional Working Proficiency