

Sumit M. Bide

SOC Analyst & Penetration Tester

-  sumitmpatil19@gmail.com  +91 9371810675  LinkedIn  Dombivli, MH  Personal Site
 Github - Serp3n7  TryHackMe - Sumit Patil

PROFESSIONAL SUMMARY

Enthusiastic Cybersecurity Engineering Intern and self-driven learner with practical experience in SOC operations, system hardening, and penetration testing. Proven track record in contributing to open-source security projects like Kali NetHunter and securing Android environments. Seeking an entry-level role to leverage skills in vulnerability assessment, log analysis, and network defense.

EXPERIENCE

- InalignX Global, Cybersecurity Engineering Intern** 10/2025 – Present | Bangalore (Remote/On-site)
- Conduct vulnerability assessments and threat analysis using industry-standard tools including Wireshark, Nmap, and Suricata.
 - Support SOC operations by monitoring security logs, performing alert triage, and executing incident response workflows.
 - Assist in IT audits and risk assessments, ensuring compliance with ISO 27001 and NIST standards.
 - Document security posture and maintain asset inventories to support system hardening efforts.

EDUCATION

- Diploma in Computer Engineering, Vasantrao More Polytechnic, Tehu** 06/2025 – Present | Parola, MH
- Higher Secondary Certificate (HSC), Little Valley Primary School & Jr. College** 2024 | Kasoda, MH

TECHNICAL SKILLS

Security Assessment: Penetration Testing Vulnerability Scanning (Burp Suite, Metasploit, Nikto) OWASP Top 10.

Network Security: TCP/IP DNS DHCP VLANs Firewalls Packet Analysis (Wireshark) Log Analysis.

Operating Systems: Linux (Kali, Ubuntu, Bash Scripting) Android Security (Rooting, Custom ROMs, NetHunter) Windows.

Tools: Nmap Suricata Git VS Code.

PROJECTS

- Kali NetHunter Contributor, Open Source Project** 01/2024 – Present
- Contributed to the Kali Linux NetHunter project by developing custom kernels and installers for the Redmi Note 4 (mido).
 - Optimized Linux kernels for embedded system security, device hardening, and cross-platform mobile penetration testing.

Secure Library Management System, Web Security Project

- Developed a secure web application using PHP, MySQL, and Apache on a Linux server.
- Implemented OWASP best practices, including strict input validation, parameterized queries to prevent SQL Injection, and role-based access control.

Home Security Lab, Independent Research

- Architected a virtualized home lab to simulate attack vectors and test defense mechanisms (Firewalls, IDS/IPS).
- Managed custom server environments (NAS, Media Servers) to practice network traffic analysis and secure system administration.

CERTIFICATIONS

- Cisco Introduction to Cybersecurity**
– Cisco Networking Academy