

# Sumit M. Bide

## SOC Analyst & Penetration Tester

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 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

**InlignX Global**, *Cybersecurity Engineering Intern* 10/2025 – Present | Bangalore (Remote)

- 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)**, 2024 | Kasoda, MH  
*Little Valley Primary School & Jr. College*

### 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