SANDEEP KUMAR SAHOO
INFORMATION SECURITY SPECIALIST
NETWORK SECURITY | DevSecOps | CEH | VAPT

Information Security Specialist with 5.5+ years of experience securing enterprise applications, networks, and cloud environments. Strong expertise in WAF, Network Security, VAPT, DevSecOps, SOC operations and vulnerability remediation. Skilled in implementing security controls, performing risk assessments, and driving secure SDLC improvements. Certified Ethical Hacker (CEH) with hands-on proficiency in SAST, DAST, API security testing, Security Governance, Risk & Compliance (GRC) processes.

CONTACT DETAILS

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✧ **Portfolio:** sandeepkumarsahoo.in

TECHNICAL SKILLS

➢ **OS:** Windows, Linux, Kali Linux.
➢ **Programming Language:** JAVA, Python.
➢ **Web Language   :** HTML, JAVA Script.
➢ **Security Analysis:** DevSecOps, Network/Firewall Security, SOC, VA-VM, E-mail Analysis, Malware Analysis.
➢ **Security Tools:** IPS{Cisco, PaloAlto, Fortigate, Checkpoint}, WAF{Imperva, F5 BigIP/Distributed cloud}, Firewall Analyzer{Tuffin, Algosec}, Splunk, Arcsight, Fortify SAST/ WebInspect DAST tool.
➢ **Pentest Methodology :** OWASP Top 10, SAN's 25.
➢ **Security Testing   :** WAPT, VAPT, API Testing, Threat Hunting, Malware Analysis, Log Investigation.
➢ **Testing Vulnerabilities:** SQLI, XSS, CSRF, SSRF, IDOR, Session Hijacking, Broken Authentication, etc.
➢ **Security Testing Tools :** Burpsuite, SQLmap, NMAP, Postman, Nessus, Rapid7, Wireshark, etc.

CERTIFICATIONS

❖ Certified Ethical Hacker (**CEH**) – EC-Council
❖ Network Defense Essentials (**NDE**) – EC-Council
❖ Cybersecurity Analyst Certificate – IBM
❖ Certified in Cybersecurity (**CC**) – (ISC)²
❖ Network Security & Database Vulnerabilities – IBM
❖ Compliance Framework & System Administration – IBM
❖ NSE-1, 2, 3 (Fortinet), ICIP (OPSWAT), Google IT Support.

PROFESSIONAL EXPERIENCE

Senior Executive – Information Security Specialist
Asian Paints Limited, Mumbai, India | Nov 2024 – Present

● Implement and manage F5 WAF (Distributed Cloud), performing on-boarding, policy tuning, SSL certificate renewal and issue resolution.
● Strengthen application security by enabling advanced WAF features, performing configuration updates and conducting periodic security reviews.
● Lead VAPT activities for critical applications, analyze findings and collaborate with development teams to drive timely remediation.

- Manage A10 Load Balancer and PaloAlto Firewalls for application on-boarding, rule updates and cleanup of outdated configurations.
- Performed SAST/ DAST scans, upgrade SAST/DAST/SSC/SCA platforms (Fortify) & support troubleshooting of SAST/DAST platform issues.
- Monitor SOC alerts, investigate security incidents and apply mitigation steps to reduce risk exposure across enterprise systems.

Executive – Information Security Analyst

Softenger India Pvt. Ltd. (Client: Amdocs), Pune, India | Aug 2022 – Oct 2024

- Configured and deployed WAF (Imperva, F5 BigIP), IPS (Cisco, Checkpoint, PaloAlto) & Firewall Analyzer (AlgoSec, Tufin) solutions, ensuring secure architecture for large-scale applications.
- Performed end-to-end security reviews to maintain confidentiality, integrity, and availability of sensitive enterprise systems.
- Led security integration for high impact projects, designing automated and cost efficient security controls from ground up.
- Conducted in-depth application security assessments, identifying vulnerabilities prior to release and minimizing production risk.
- Monitored enterprise network for threats, analyzed logs and prevented multiple security incidents through proactive defense measures.

Penetration Testing Intern

Virtually Testing Foundation, Los Angeles, CA | Aug 2021 – Dec 2021

- Performed vulnerability analysis, patch verification and security control validation across enterprise test environments.
- Monitored live systems to identify real-time threats, supported incident investigations and documented mitigation actions.
- Conducted risk assessments, identified security loopholes and recommended remediation strategies aligned with standards.
- Assisted in developing cybersecurity policies, guidelines and best practices to enhance organizational compliance. Planned and executed training to increase employee security awareness across teams.

Cybersecurity Projects

Remote | Aug 2021 – Jul 2022

- Performed manual penetration testing and provided vulnerability remediation guidance for multiple client environments.
- Conducted SIEM-based threat analysis, reviewed logs and mitigated high-risk alerts in real-time.
- Assessed GRC-related risks, evaluated process gaps, and recommended improvements to enhance policy compliance.
- Monitored vulnerability disclosures, analyzed their impact and advised mitigation steps to reduce organizational risk.
- Implemented firewall changes, investigated anomalous activities and improved network security posture.

Security Analyst

Mitigater Techsecure Pvt. Ltd., Odisha, India | Jul 2020 – Jul 2021

- Performed network penetration tests, application assessments and risk reviews, reducing critical production vulnerabilities.
- Conducted security audits, analyzed malicious traffic and implemented preventive actions to secure enterprise networks.
- Trained junior analysts in access management, incident response, and daily security operations.
- Developed and reviewed security system policies, baselines, and incident response guidelines.
- Supported vulnerability management, incident reporting, and continuous monitoring for client infrastructures.

OTHER EXPERIENCE

- Hands-on experience in WAPT, VAPT and API penetration testing using tools such as BurpSuite, Metasploit, Nmap, Wireshark and Kali Linux, contributing to strengthening WAF and IPS security posture.
- Strong expertise in Vulnerability Assessment & Vulnerability Management (VA-VM), performing in-depth network and application scanning to identify, analyze and remediate critical internal vulnerabilities.
- Working knowledge of EDR and XDR technologies, enabling effective threat detection, endpoint protection, and mitigation of advanced cyberattacks.
- Proficient in GitLab and Jenkins, supporting secure CI/CD operations and enhancing DevSecOps workflows through automation and security integration.

EDUCATION

- **MBA** - Service Managemnet (IT)
  Indira Gandhi National Open University (IGNOU) | 2022 – 2025

- **B.Tech** – Engineering
  GITA Autonomous College, Odisha | 2016 – 2020

LANGUAGES

- English – Professional Working Proficiency
- Hindi – Full Professional Proficiency
- Odia – Native Proficiency

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge.

Sandeep Kumar Sahoo
Date: 01- 11- 2025   Signature