ARUN KUMAR A

Cyber Security Engineer

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Summary

Cybersecurity professional with hands-on experience in SOC, NOC, firewall management, EDR, and operational support. Skilled in threat detection, incident response, vulnerability assessment, and network security. Proficient in managing firewalls (Palo Alto, SonicWall, pfSense), SIEM solutions (ELK), and EDR platforms (Sophos Central). Experienced in creating and testing SIEM use cases, configuring ACLs, and monitoring network infrastructure using LibreNMS. Dedicated to enhancing cybersecurity defenses through proactive threat mitigation and innovative security strategies.

Experience:

CyberSecurity Engineer (SOC & NOC & Operational Support)

Cyberjeet Pvt Ltd | Aug 2024 - Present

Firewall Management: Skilled in managing ACLs, configuring security policies, implementation of DPI-SSL certificates, blocking VPNs, and creating IPSec tunnels. Experienced in handling Palo Alto, SonicWall, and pfSense.

Endpoint Detection & Response (EDR): Proficient in Sophos Central EDR, including Data Loss Prevention (DLP), peripheral device blocking, threat detection, and response.

Security Operations Center (SOC): Strong knowledge of ELK SIEM, including creating and testing use cases based on event IDs, investigating security alerts, and providing remediation solutions to clients.

Network Operations Center (NOC): Experienced in monitoring network devices such as firewalls, switches, and cameras using LibreNMS. Ensuring network uptime and performance optimization.

Cybersecurity Tools & Techniques: Skilled in SIEM, EDR, Firewall, VAPT, Nmap, Nessus, Wireshark, Burp Suite, Metasploit, cryptography, and steganography.

Education:

Bachelor of Engineering
Thanthai Periyar Govt Institute of Technology, Vellore, Tamil Nadu **…….. 2020 - 2024**

Higher Secondary – Central Board of Secondary Education
Kurinji Senior Sec School - Namakkal..**2019 - 2020**

Matriculation (10th STD) - State Board of Tamilnadu
Kurinji Matric Hr Sec School - Namakkal...**2017 - 2018**

Technical Skills:

Networking & Network Security
- OSI Model, IP Addressing, NAT, DHCP, TCP/UDP, VPN, MAC Address, Protocols, HTTP/HTTPS.
- Firewall Management: Palo Alto, SonicWall, pfSense, ACL Configuration.
- Intrusion Detection & Prevention: IDS/IPS Implementation.

Cybersecurity & Threat Intelligence
- Incident Response, Threat Hunting, Cyber Kill Chain, Forensics.
- Phishing Simulation: GoPhish, Zphisher.

Security Tools & Technologies
- SIEM & Log Analysis: ELK Stack (Elastic Stack)
- Endpoint Security & EDR: Sophos Central (DLP, Threat Detection & Response)
- Penetration Testing: Metasploit, Aircrack-ng, John the Ripper
- Vulnerability Assessment: Nessus, Nmap, Wireshark, Burp Suit.

Soft Skills:

- Flexible and adaptable in learning new technologies.

- Strong problem-solving and analytical skills.

- Passionate about continuous improvement and innovation.

- Demonstrated ability to quickly learn and contribute to ongoing projects.

Languages:

- English
- Tamil