

GAYATHRIKRISHNAN G S

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SUMMARY

Detail-oriented and certified cybersecurity professional with a strong academic background in forensic science and hands-on training in ethical hacking, SOC operations, and incident response. Equipped with CEH and SOC Analyst certifications, I am eager to apply my analytical skills, technical knowledge, and passion for cybersecurity to protect organizational assets and mitigate risks. Seeking an entry-level role in cybersecurity to contribute to threat detection, vulnerability assessment, and security operations.

EXPERIENCE

- **TechByHeart Technologies** 2/2024- Present
Cyber Security Intern Ernakulam, Kerala
 - Experienced in analyzing complex security incidents and identifying actionable insights during my internship.
 - Leveraged expertise in TCP/IP, routing, and switching protocols to implement advanced network solutions, boosting security measures and ensuring seamless data transmission across the network.
 - Set up a virtual Security Operations Center (SOC) environment to monitor and analyze network traffic. Detected and responded to simulated threats using SIEM tools like Splunk.
 - Conducted penetration testing on a simulated network to identify vulnerabilities. Used tools like Nmap, Metasploit, and Burp Suite to exploit weaknesses and recommend remediation steps.

EDUCATION

- **Diploma in Cyber Security** 2/2024 - 2/2025
TechByHeart Ernakulam, Kerala
 - Specialization: SOC Analyst and Ethical hacking
- **BSc Forensic Science** 7/2019-8/2022
Adikavi Nannaya University Surampalem, Andhra Pradesh
 - CGPA: 8.88

PROJECTS

- **Network Intrusion Detection and Response** 1/2025-2/2025
Tools: Snort, Wireshark, Metasploit, VirtualBox, Ubuntu, Kali Linux
 - Developed a Snort-based NIDS to monitor network traffic and detect unauthorized access or malicious activity.
 - Implemented a virtual lab environment using VirtualBox, simulating IDS, Client, and Attacker VMs to test and validate the system.
 - Created custom Snort rules to detect intrusions and used Wireshark for detailed traffic analysis, identifying patterns and anomalies.
 - Applied Metasploit to simulate attacks and responded by blocking malicious IPs using iptables, enhancing network security.

SKILLS

- **Technical Skills** : Ethical Hacking, SIEM (Splunk), IDS/IPS, Incident Response, Threat Hunting
Networking: TCP/IP, Nmap, Wireshark, Firewalls, VPNs
Operating Systems: Windows, Linux (Kali, Ubuntu)
Forensics: FTK, Autopsy, Data Recovery, Chain of Custody
- **Soft Skills**: Analytical Thinking and Problem-Solving, Attention to Detail, Communication and Reporting, Team Collaboration, Time Management and Prioritization, Adaptability and Continuous Learning

CERTIFICATIONS

- Certified Ethical Hacker v12 (CEH v12) – EC Council
- Advanced SOC Analyst-TechByHeart
- Certified Security Tester- TechByHeart
- Certified Cyber Security Analyst (C3SA) – Cyber Warfare Labs 12/2024
- Introduction to Cybersecurity – CISCO 10/2021
- ISEA Certified Cyber Hygiene Practitioner-Ministry of Electronics and Information Technology 12/2024