

Amitha A.M

SOC Analyst

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OBJECTIVE

As a recent Cybersecurity graduate, my objective is to apply my foundational skills in SIEM, Incident Response, and Root Cause Analysis in a dynamic 24x7x365 operations team. Eager to contribute to the monitoring and response of cyber security alerts under close supervision, while continually learning and adhering to industry standards and processes.

Experience

- **Cyber Security Intern** Sept 2023 - March 2024
Kochi, Kerala
TechByHeart
 - * Conducted regular Vulnerability Assessments and Penetration Testing to identify and mitigate security risks within the organization's network infrastructure
 - * Carried out a comprehensive network scanning procedure through the utilization of Nmap to identify any potential vulnerabilities or security threats within the network infrastructure.
- **Cyber Forensic Investigator** June 2023 - December 2024
Kochi, Kerala
IncomeTax.INV
 - * Led data imaging, monitoring, extraction, and recovery efforts for income tax forensic investigations.
 - * Successfully retrieved crucial evidence, contributing to enhanced investigative outcomes.
 - * Played a pivotal role in identifying financial irregularities and ensuring tax compliance.
- **Cyber Forensic Intern** February 2023 - March 2023
Pathanamthitta, Kerala
Cyber Police Station
 - Acquired hands-on knowledge of digital forensic devices.
 - Gained understanding of cyber security laws and regulations

Education

- **Diploma In Ethical Hacking**, Tech BY Heart 2023 - 2024
Specialization: Cybersecurity, Ethical Hacking
- **Bachelor's In Cyber Forensics**, MG University, Kottayam 2020 - 2023
Specialization: Cyber Forensics
- **Biology Science**, Govt.H S S Mithrmala, Thiruvananthapuram 2018 - 2020

Projects

- Log Analysis Using Machine Learning , Orion Ernakulam
- Charity Donation using Blockchain, Zion Ernakulam

Certificates

Bachelor's in Cyber Forensics

Certified Ethical Hacker (CEH

Certified SOC Analyst (CSA)

NSE1 Network Security Associate (Fortinet)

NSE2 Network Security Associate (Fortinet)

NSE3 Network Security Associate (Fortinet)

CISCO Certifications, Introduction to Cyber Security

Skills

Skills	Incident Response, Information Security, Digital Forensic, Communication Skills, Adaptability, Critical Thinking, Researching, Collaborative Working, Team Management, Risk Analysis, Ability to work under pressure, Analytical Skill, Cyber Security Monitoring, Continuous Learning
Hard Skills	CEH, Ethical Hacking, Networking, Network Security, Log Analysis, Bug Bounty, Vulnerability assessment, Security Assessment, Security Operation, information Security, Risk Assessment, Network Security, log Analysis, Web Application Security, Analytical Skill, Problem Solving, Siem, Root Cause Analysis, Microsoft Office, MS Excel.
Tools	Splunk, Burp Suite, OWASP Top 10, IDS, IPS, Firewall, nmap, OSI Model, Wireshark, Metasploit, Aircrack-ng, SQLMap, John the Ripper, Dirbuster, Zap
Forensic Tools	FTK, Mobiledit Forensic Express, Hashcalc, iTunes, Memu, Thunderbird, Email Backup Wizzard, Autopsy
Programming Language	Python

Achievements

- Successfully completed my graduation with a good CGPA
- Presented a seminar on the topic 'RANSOMWARE'
- NASA Bug Bounty Hall of Fame: Recognized for identifying and reporting sensitive data exposure on the NASA website, earning a place in the prestigious NASA Bug Bounty Hall of Fame.
- Capture The Flag Champion: Successfully won the 'Escape the Jail' Capture The Flag challenge at Tech By Heart, showcasing exceptional problem-solving and technical skills.