SAFWANA NASRIN
SECURITY ANALYST

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PROFESSIONAL SUMMARY

Cybersecurity professional with hands-on experience in securing networks, systems, and cloud environments. Skilled in threat detection, vulnerability assessment, incident response, and implementing security best practices. Proficient with AWS cloud services, network security tools, and penetration testing methodologies. Strong problem-solving, analytical thinking, and attention to detail.

SKILLS AND TECHNOLOGIES

- **Security Tools :** Splunk, Wazuh, Nessus, Wireshark, Metasploit, Burp Suite, Nmap, Acunetix, MobSF.
- **Cloud & AWS :** EC2, IAM, VPC, S3, CloudWatch, CloudTrail, Security Groups, AWS Config, AWS CLI.
- **Operating Systems :** Kali Linux, Parrot OS, Windows, Linux Server.
- **Networking :** Routing & Switching, TCP/IP, DNS, DHCP, Subnetting, Firewalls, VPN.
- **Vulnerability Assessment & Penetration Testing (VAPT) :** Manual testing, scripting, reporting, OWASP Top 10.
- **Programming & Scripting :** Python, Bash, PowerShell, SQL, JavaScript, PHP.
- **Virtualization :** VMware, VirtualBox, Genymotion, Android Studio.
- **DevSecOps :** Git, GitHub, Automation basics.
- **Soft Skills :** Analytical thinking, problem-solving, teamwork, adaptability, communication.

PROFESSIONAL EXPERIENCE

IT Trainer - Cloud Computing, Networking & Ethical Hacking | Livewire
July 2025 - Present

- Delivered hands-on training on AWS Cloud Computing, Networking Fundamentals, and Ethical Hacking concepts.
- Developed course materials and conducted practical labs for students.
- Guided learners through penetration testing, secure configuration, and best cybersecurity practices.

Internship | Synnefo Solutions
Dec 2024 - Jan 2025

- Assisted in vulnerability assessments, identifying weaknesses in systems and applications.
- Supported implementation of security controls and best practices.
- Performed hands-on tasks related to threat analysis, incident response, and risk evaluation.

PROJECTS

- **Wazuh-ELK SIEM :** Built a SIEM solution for log monitoring and alerting using Wazuh and ELK stack.
  Github : View Project
- **Web Vulnerability Scanner :** Developed a tool to detect common vulnerabilities like SQLi and XSS.
  Github : View project
- **SecureText-Encryptor :** Developed a text encryption tool with AES-256 and secure key handling for protecting sensitive data.
- Github : View Project
- **Password Strength Checker :** Built a Python tool to analyze and score password strength with improvement suggestions.
  Github : View Project

CERTIFICATIONS

- **NACTET –** Ethical Hacking, Network Security & Vulnerability Assessment
- **TryHackMe –** Completed 50+ hands-on labs (Network Scanning, Privilege Escalation, Web Security)
- **PortSwigger Web Security Academy –** OWASP Top 10 Labs (XSS, SQLi, SSRF, etc.)

EDUCATION

Advanced Diploma in Cyber Security
July 2024 - Jan 2025
Synnefo Solutions | Kochi | Kerala | India

Bachelor of Science in Computer Science
June 2021 - April 2024
Kannur University | Kerala | India

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Malayalam.
- **Security Recognition:** Featured in Inflectra Responsible Disclosure Hall of Fame (2025) – View Listing
- **Achievements :** Completed 50+ TryHackMe labs covering scanning, exploitation, and privilege escalation.
- Completed PortSwigger OWASP Top 10 labs (XSS, SQLi, SSRF, etc.).
- Built and secured multiple AWS cloud environments using industry best practices.
- Automated cloud processes, improving efficiency by 25%.
- Designed secure, optimized network architectures.