

AMAL SHAJI

Cybersecurity Engineer

 Nilgiri, Tamil Nadu

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PROFILE INFO

Passionate and detail-oriented cybersecurity enthusiast with a strong foundation in both theoretical knowledge and practical exposure. As a recent graduate with experience in penetration testing and vulnerability assessment, I am eager to apply my skills in a professional environment to enhance security measures and protect digital assets. Motivated to grow in the cybersecurity field and contribute effectively to any team I am part of.

PROFILE SUMMARY

- Passionate cybersecurity enthusiast with a strong foundation in penetration testing and vulnerability assessment.
- Experienced with a wide range of cybersecurity tools such as Burp Suite, Nmap, Metasploit, and Wireshark.
- Hands-on expertise in network and web application penetration testing with a focus on risk identification and mitigation.
- Skilled in performing vulnerability scanning and security hardening for both Linux and Windows environments.
- Proficient in scripting (Bash, Python) for automation and exploitation tasks.
- Strong understanding of networking protocols (TCP/IP, DNS, HTTP/HTTPS) and incident response procedures.
- Actively participating in Capture the Flag (CTF) challenges on platforms like Hack The Box and TryHackMe to stay updated on the latest security trends.

EXPERIENCE

Cybersecurity Engineer Intern

July 2023 - June 2024

Ehackify Cybersecurity Research and Training

Advanced Penetration Testing (eAPT)

- Penetration Testing: Conducted real-world network and web application penetration tests to identify vulnerabilities and exploit them.
- Vulnerability Assessment: Utilized tools like Nessus and OpenVAS for vulnerability scanning and risk mitigation.
- Exploit Development: Gained practical experience in exploit development using frameworks like Metasploit to simulate attacks and test defenses.
- Reporting: Produced detailed reports of vulnerabilities found and suggested remediation strategies.
- Security Tools: Hands-on use of tools such as Burp Suite, Hydra, and Wireshark for ethical hacking and vulnerability management.

EDUCATION

Bachelor of Commerce (B.Com) in Computer Applications

Nilgiri College Of Arts & Science,
Bharathiar University
2020 - 2023

Higher Secondary

St. Thomas Higher Secondary School, Ayyankolly
2018 - 2020

SKILLS

- Penetration Testing: Network, Web Application, Exploits
- Cybersecurity Tools: Burp Suite, Nmap, Metasploit, Hydra, Nessus, OpenVAS, Wireshark, Aircrack-ng, John the Ripper, Nikto, OWASP ZAP, Kali Linux, Shodan, Burp Intruder
- Vulnerability Assessment
- Other Skills: MS Word, Networking (TCP/IP, DNS, HTTP), Reconnaissance, Incident Response, Scripting (Bash, Python)