

ADHINA PRAVEEN V

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Professional Summary

Aspiring Cybersecurity Professional and B.Sc. Digital and Cyber Forensic Science candidate with a robust foundation in threat analysis, vulnerability management, and incident response. Proven experience through multiple internships in executing penetration tests, conducting digital forensic investigations, and monitoring SOC environments. Skilled in utilizing Nmap, Wireshark, and Python to identify security gaps and mitigate risks. Committed to protecting organizational digital assets through proactive defense and continuous technical advancement.

Education

Bharathiyar University – Coimbatore
B.Sc Digital and Cyber Forensic Science

Jan 2025

Skills

Network Security: Firewalls, VPNs, IDS/IPS, Security Tools: Nmap, Wireshark, Splunk, Wazuh, Penetration Testing: Web & Network Security, Vulnerability Assessment & Management, Log Monitoring & Incident Response, Digital Forensics & Evidence Handling

Work Experience

SOC Analyst Intern – Red Team Hacker Academy

Aug 2024 – Jan 2025 | Calicut

- Monitored and investigated security incidents using SIEM tools including Splunk and Wazuh for real-time threat detection.
- Performed log analysis and vulnerability assessments to identify and mitigate potential security risks.
- Assisted in incident response procedures and documentation of security events.

Ethical Hacking and Cyber Security Intern – Hack-Up Technology

Jun 2024 – Jul 2024 | Coimbatore

- Gained hands-on experience with ethical hacking methodologies and cybersecurity tools to identify system vulnerabilities.
- Performed network scanning and reconnaissance using Nmap to map network topologies and identify open ports.
- Analyzed network traffic and captured packets using Wireshark to detect potential security threats and anomalies.
- Explored penetration testing frameworks to understand the lifecycle of a cyber attack and defensive countermeasures.

Cyber Forensic Intern – Commissioner of Police

Dec 2023 – Jan 2024 | Coimbatore

- Assisted in remediation planning, enhancing security posture.
- Assisted in cyber crime case filing, collecting and analyzing digital evidence.
- Supported cyber case documentation, improving evidence handling efficiency.

Penetration Testing Intern – Red Team Hacker Academy

Jun 2023 – Jul 2023 | Palakkad

- Identified and exploited web application vulnerabilities, including SQL injection and Cross-Site Scripting (XSS), to assess security posture.
- Conducted comprehensive security assessments and generated detailed reports on findings and remediation steps.

Projects

Detection and classification of network traffic anomalies based on IOT23 dataset

- Developed an analyzing pattern of normal and malicious network traffic using the IOT23 dataset to classify traffic in network

Remote data integrity monitoring using Python

- Developed a hash based verification method to check the data has not been altered, corrupted or tampered

Fibonacci Technique of privacy and security to sensitive data

- Developed a cryptographic technique that utilizes fibonacci sequences to encode and decode the data

Certifications

CSA (CERTIFIED SOC ANALYST) - ONGOING – EC-Council

Junior Cybersecurity Analyst – Cisco Networking

Ethical Hacker – Cisco Networking

Certified IT Infrastructure and Cyber SOC Analyst - ONGOING – RedTeam Hacker Academy (Calicut)

Diploma in Cybersecurity – National Council of Vocational and Research Training (NCVRT)

Languages

English (Proficient), Malayalam (Proficient), Hindi (Spoken), Tamil (Spoken)