

AKHIL KK

Cyber Security Engineer & SOC Analyst

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PROFESSIONAL SUMMARY

Certified Ethical Hacker (CEH) and Certified Penetration Tester (CPT) with extensive experience in conducting comprehensive vulnerability assessments and penetration tests across diverse network infrastructures. Proficient in utilizing advanced ethical hacking tools and techniques to identify and mitigate security vulnerabilities. Committed to continuous learning and staying updated on the latest cybersecurity trends to enhance organizational security.

PROFESSIONAL EXPERIENCE

CYBER SECURITY INTERN | CYBERSTRIVE | MARCH 2025

Gained hands-on experience in ethical hacking, security analysis, and incident response through practical cybersecurity challenges and real-world simulations.

- Performed penetration testing and identified X vulnerabilities using Burp Suite and nmap.
- Analyzed and mitigated security threats through hands-on labs and real-world simulations.
- Participated in Capture The Flag (CTF) challenges, sharpening ethical hacking skills.
- Documented findings, attack vectors, and mitigation strategies in detailed reports.

GDA STAFF | APOLLO HOSPITAL KOCHI | JUNE 2023 – SEPTEMBER 2024

Over 1.4 years of experience providing essential support in hospital settings, ensuring smooth operations and high-quality patient care.

- Provided essential support in a hospital environment, ensuring smooth operations and high-quality patient care, patient positioning and transport, maintaining comfort and safety at all times.
- Analyzed and mitigated security threats through hands-on labs and real-world simulations.
- Collaborated with healthcare teams to develop and implement individualized care plans, enhancing patient recovery and satisfaction.

SKILLS & KNOWLEDGE

- Cybersecurity Frameworks: Proficient in OWASP Top 10 and ISO 27001.
- Web Application Security: Experience identifying and exploiting XSS, CSRF, and SQL injection vulnerabilities.
- Security Tools: Skilled in Metasploit, Burp Suite, Nmap, and Wireshark.
- Vulnerability Assessment: Expertise in vulnerability scanning and analysis with tools like Nessus.
- Malware Analysis: Capable of disassembling and analyzing malicious software to understand behavior and capabilities.
- Multitasking & Prioritization: Manage projects efficiently and prioritize tasks effectively.
- Operating Systems: In-depth knowledge of Windows and Linux security architectures.
- Offensive Techniques: Skilled in leveraging attack methods, including phishing, social engineering, and password cracking, to assess security defenses.

EDUCATION

- Bachelor of Science in Mathematics
University of Calicut, 2016 – 2019

CERTIFICATIONS

- Certified Ethical Hacker (CEH) – EC-Council (2024)
- Certified Penetration Tester (CPT) Red Team Hacker Academy, (2024)

PROJECT

- Developed a detailed simulation of the OSI Model, analyzing data transmission, security vulnerabilities, and real-world protocol weaknesses.