DHANESH C

Certified Ethical Hacker | Penetration Tester | Security Researcher
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PROFESSIONAL SUMMARY

Certified Ethical Hacker (CEH v12) with hands-on experience in Vulnerability Assessment and Penetration Testing (VAPT), offensive security, web application security, and Android log analysis. Skilled in developing Python-based security tools, performing web application assessments, analyzing security logs, and using industry-standard tools including Burp Suite, Nmap, Metasploit, SQLmap, and OpenVAS. Completed 100+ hands-on cybersecurity labs, including Android debugging with ADB and Logcat. Ranked among the Top 4% globally on TryHackMe, with a strong focus on offensive security, vulnerability research, and security automation.

TECHNICAL SKILLS

Security Tools: Burp Suite, Nmap, Metasploit, SQLmap, Nessus, OpenVAS, Hydra, Nikto, Gobuster, ffuf

Offensive Security: Web App Penetration Testing, OWASP Top 10, SQL Injection, XSS, Command Injection, Authentication Testing, API Security

Cloud Security: AWS IAM, S3, CloudTrail, IAM Enumeration, Privilege Escalation

Mobile Security: Android Debug Bridge (ADB), Logcat Analysis, App Behaviour Analysis

Programming: Python, Flask, Bash, JavaScript, PHP, C

Networking: TCP/IP, DNS, HTTP/HTTPS, Firewalls, WAF

Operating Systems: Linux (Arch/Fedora/Debian), Windows

Monitoring & IR: Log Analysis, Splunk, SIEM Fundamentals, Alert Investigation, Incident Response

EXPERIENCE

Cybersecurity Intern | *RedTeam Hacker Academy* October 2024 (1 month)

- Performed web application security assessments across client applications, aligned with the OWASP Top 10 framework.
- Identified and validated vulnerabilities including SQL Injection (SQLi) and Cross-Site Scripting (XSS), documenting reproducible proof-of-concept steps.
- Conducted vulnerability verification and produced technical reports with prioritized remediation recommendations.
- Monitored and analyzed security logs to identify suspicious activity, contributing to incident investigation and threat analysis.

PROJECTS

SSH Honeypot with Security Monitoring Dashboard | *Personal Project*
https://github.com/0xS0l0/ssh-honeypot-dashboard

- Designed and deployed a Python-based SSH honeypot to capture and log unauthorized login attempts in real time.
- Implemented centralized log collection and a Flask-based monitoring dashboard visualizing brute-force attacks, authentication attempts, and source IP activity.

- Performed log analysis to identify brute-force activity, attacker behaviour, authentication patterns, and source IP trends.

Web Vulnerability Scanner | *Personal Project*
https://github.com/0xS0l0/vulnscanner

- Developed a Python and Flask-based web vulnerability scanner that automates detection of SQL Injection (SQLi), Cross-Site Scripting (XSS), and Command Injection vulnerabilities through an interactive web interface.
- Implemented automated payload testing, HTTP request handling, and response analysis for vulnerability detection.
- Generated structured vulnerability reports to streamline remediation workflows.

Android Application Log Analysis | *Independent Research*

- Used Android Debug Bridge (ADB) and Logcat to analyze application runtime behaviour, lifecycle events, permissions, and crashes.
- Investigated runtime logs to identify abnormal application behaviour during security testing.
- Documented observations and findings to understand application behaviour and potential security issues.

ACHIEVEMENTS

- Ranked among the Top 4% globally on TryHackMe; achieved TryHackMe Level 10 (0xA).
- Completed 100+ hands-on cybersecurity labs and earned 12 TryHackMe Skill Badges.

EDUCATION

Bachelor of Science (B.Sc.) in Computer Science | *Sree Narayana Guru College* 2021 – 2024

CERTIFICATIONS

- Certified Ethical Hacker (CEH v12), EC-Council — Issued Oct 2025 · Expires Nov 2026
- Cybersecurity Fundamentals, IBM SkillsBuild — July 2025
- Web Development Fundamentals, IBM SkillsBuild — October 2023

CTF PARTICIPATION & TRYHACKME EVENTS

- Love at First Breach — TryHackMe — Issued Feb 2026
- Hackfinity Battle — TryHackMe — Issued Apr 2025