

Ikram Caffoor

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<https://github.com/IkramCaffoor> | ikramcaffoor.github.io/Portfolio/

• About Me

Motivated cyber security undergraduate with a strong interest in Offensive and Defensive Security. I enjoy understanding how systems work under the hood and applying that knowledge to break real-world systems through Capture the Flag (CTF) challenges. I have built multiple security-focused projects and continuously strengthen my skills and knowledge via hands-on labs and CTF competitions. I'm looking for an internship where I can contribute, grow, and work alongside experienced security professionals.

• Education

Edith Cowan College, Diploma of Science (Computing/IT)	November, 2025.
CICRA Campus, Foundation In Cyber Security	October 09, 2025.
ICBT Campus, Diploma In Information Technology	September, 2024.
Zahira College Matale, G.C.E. (O/L) Examination	May 29, 2023.

• Hand-On Practice

Hack The Box | CTF Labs & Academy

Active Member, 2024 - Present

- Successfully compromised numerous retired and active machines by exploiting a wide range of vulnerabilities, including multiple CVEs, using diverse exploitation methods and attack techniques.
- Demonstrated real-world attack scenarios through misconfigured services, reverse shells, privilege escalation, kernel exploits, and other advanced methods.
- Created detailed writeups documenting full attack methodologies, from reconnaissance and initial access to post-exploitation and persistence.

TryHackMe | Hands-On Training

Active Participant, 2024 - Present

- Completed multiple guided and unguided rooms by exploiting various CVEs and common web/network vulnerabilities.
- Developed practical skills in enumeration, web exploitation, privilege escalation, password cracking, and LFI/RFI vulnerabilities using different attack methods.
- Applied realistic adversarial attack chains in simulated environments to replicate real-world penetration testing scenarios.

PortSwigger | Web Security Academy

Web Application Security Labs, 2024 - Present

- Exploited the OWASP Top 10 vulnerabilities, including multiple CVEs related to XSS, SQLi, CSRF, IDOR, and others, using manual and automated methods.
- Practiced real-world web application attacks in a safe environment with Burp Suite and various exploitation techniques.

- Technologies

Languages: Shell Scripting (Bash), Python, C, SQL, Ruby

Skills & Technologies: Splunk, Web Penetration Testing, Network Penetration Testing, API Penetration Testing, Active Directory (AD) Enumeration & Attacks, Vulnerability Discovery & Reporting, Malware Analysis

Tools: Trellix, CrowdStrike EDR, Cortex XDR, Splunk, ELK Stack, Nmap, Burp Suite, Wireshark, Metasploit, Ligolo, ffuf, Gobuster, Subfinder, Ghidra, IDA, x64dbg, steg

Interests: Capture the Flag Competitions, Self-learning via TryHackMe, PortSwigger, and HackTheBox practice labs

- Projects

Scan-Things - Automated Reconnaissance Tool - github.com/IkramCaffoor/Scan-Things

- Automated reconnaissance using Nmap (service/version scanning) and ffuf (directory brute-forcing) with SecLists wordlists.
- Streamlines enumeration for CTF and penetration testing with structured, timestamped outputs.

Log Parser

- Built a Bash CLI application that formats Apache Server log files and enables filtering of logs based on keywords.
- Utilities Used: sed, awk, grep

- Certifications

C|CSEH (Certificate in Cyber Security & Ethical Hacking) (CICRA CAMPUS) - Completed

eJPTv2 (Junior Penetration Tester) - Planned / Upcoming

AZ-900: Microsoft Azure Fundamentals - Planned / Upcoming

SC-200: Microsoft Security Operations Analyst - Planned / Upcoming

- Courses

Linux 100: Fundamentals - TCM Security

Trainee - Python Programmer - University Of Moratuwa (UOM)

Offensive Security Operations - CYBARY

- Referees

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