

RITHIN KRISHNA K V

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Objective

Aspiring Cyber Security Analyst with hands-on lab experience in penetration testing, CTF competitions and Linux-based security environments. Skilled in reconnaissance, vulnerability discovery, and web application testing using industry-standard tools.

Education

Advanced Diploma in Cyber Defence (ADCD) RedTeam Hacker Academy, Thrissur	August 2025- Present
Higher secondary -Computer Science Karalam HSS, Karalam	2023 - 2025
SSLC SNHSS Irinjalakuda	2023

Certifications

Cyber Security Workshop, Indian Cyber Club
EC-Council Certified Ethical Hacker (CEH v13) – Ongoing (Expected Completion: 2026)
Red Team Hacker Academy – Internal Practical Training & CTF Labs

Technical skills

Networking: TCP/IP, DNS, OSI Model, VPNs, Traffic Analysis & Packet Inspection (Wireshark).
VAPT & Security: Nmap, Burp Suite, Metasploit, Hydra/Medusa, Netcat, John the Ripper.
Systems: Debian, Kali Linux, BlackArch, VirtualBox, CTF Problem Solving & Documentation.
Programming: Python, JavaScript, C++, HTML, SQL.

Soft skill

Analytical Problem Solving, Strategic Thinking, and Professional Teamwork.

Language

Malayalam (Native), English, Hindi.

Experience & Project

Security Research & Penetration Testing Labs

Network & System Security: Completed 100+ intensive lab environments focusing on reconnaissance, service enumeration, and manual exploitation.

Web Application Security: Conducted targeted testing for OWASP Top 10 vulnerabilities, specifically identifying and mitigating SQL Injection and Cross-Site Scripting (XSS) using Burp Suite.

Gesture-Controlled Cursor | Python Development

Developed a real-time human-computer interface using Python and OpenCV for hand gesture recognition

Achievements

2nd Prize: Capture The Flag (CTF) Competition, RedTeam Hacker Academy.