

# 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.

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## Education

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

## 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
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## 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.

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## 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.