




RAMAN KUMAR


PENETRATION TESTER

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EDUCATION

Bachelors of Computer Applications in Cloud Technology & Information security

Jain (Deemed to be) University

Bengaluru **2022 - 2025**

CGPA : **9.0** (overall till 4th sem)

SKILLS

- Red Teaming
- Penetration Testing
- OWASP API Security Top 10
- OWASP Application Security Top 10
- Privileges Escalation
- Network Security
- MITRE ATT&CK Framework
- DAST & SAST

PROGRAMMING

- Python
- HTML/CSS
- Javascript (XSS)
- BASH
- SQL / GraphQL
- C
- JAVA (Basic)

STRENGTHS

- Chaining Vulnerabilities
- Manual Exploitation of vulnerabilities
 - (SQLi , XSS, SSTI, HHI , CI)
- Critical Thinking
- OSINT

PASSION

- Poetry (Amateur Poet)
- Travelling

PROFILE

A passionate cybersecurity enthusiast with a strong focus on web and system penetration testing. I bring extensive knowledge of industry-standard tools, combined with a deep commitment to safeguarding digital infrastructures. My expertise in identifying vulnerabilities and delivering robust security solutions is matched by a relentless drive to stay ahead of emerging threats in the ever-evolving cybersecurity landscape.

WORK EXPERIENCE

Cyber Security Trainer

Freelancing

2023 - Current

- Successfully taught & trained over 200 students (MCA & B.Sc) cybersecurity as a visiting faculty in Reva University.
- Delivered hands-on training using advanced tools and techniques for system hacking, securing, and industry-standard cybersecurity practices useful for cracking Cisco Cybersecurity Certification.
- Trained an international audience, equipping them with the skills to excel in the cybersecurity domain by cracking machines, identifying vulnerabilities, and developing a deep, comprehensive understanding of the field.

Joint Secratery

Navirith , University Forum

2023 - Current

- Serving as Joint Secretary of the Cybersecurity Department in the Navarithi forum, leading a team of over 20 members in various technical initiatives.
- Orchestrating CTFs, machine-solving sessions, and other cybersecurity-focused events, driving hands-on learning and community engagement.

CTF Organizer

Intra-University Competition

February - 2024

- Proudly organized a CTF event, configuring machines and developing and maintaining a dedicated website, server, and live flag submission system for an intra-college competition.
- Conducted Skill-Enhancement Labs before the CTF for juniors and other participants
- Coordinated the event and awarded winners with cash prizes and certificates.

TOOLS

- | | |
|-------------------------|--------------------------------|
| • BurpSuite / OWASP ZAP | • Postman |
| • Metasploit | • Hydra / Hashcat / John |
| • Nmap / Rustscan | • Swagger |
| • SQLMAP / WPSCAN | • Nessus |
| • Qualys | • Ghidra (Reverse Engineering) |

LINKS

- **Top 1% on TryHackMe :**
 - Actively engaged in daily exploitation of vulnerable machines to stay updated and sharp in the field. pwned over 100 of machines and over 15 badges.
- **GitHub :**
 - Posting custom scripts for penetration testing and small projects.
- **HackTheBox :**
 - Advancing to Pro Hacker level by exploiting over 30 machines, which is refining my skills and preparing me for the OSCP certification.
- **YouTube :**
 - Creating practical & conceptual content on exploiting servers, functionalities & websites, along with strategies to pwn machines from easy to advanced levels.
- **Letter of Appreciation :**
 - Earned this letter for conducting a high level CTF solely.