

Raghunandan Tomar

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Objective

Motivated and detail-oriented Integrated M.Tech Cybersecurity student at VIT Bhopal, seeking to apply my skills in network security, ethical hacking, and secure software development. With hands-on experience in real-time threat detection tools and IoT security, I bring a strong foundation in Python, Java, C++, SQL, and full-stack web development. Proficient in tools like PowerPoint and Excel, I aim to contribute effectively to a forward-thinking team focused on proactive cyber defense and innovation in information security

Education

VIT Bhopal University

Integrated M.Tech CSE(Cyber security)

CGPA: 8.01/10

Bhopal, Madhya Pradesh

Expected May 2026

Projects

Anti- DNS – ARP & DNS Poisoning Detection Tool

Jun 2022 – Dec 2022

- Developed a Python – based tool for Linux to detect and mitigate ARP poisoning and DNS spoofing in real time through continuous ARP cache and traffic analysis.
- Integrated automated threats alert and cache recovery mechanisms to enhance LAN security and resilience against DoS attack.
- Showcased the tool in cybersecurity workshops, emphasizing network forensics and proactive defense in education and professional environment.

IoT Device Security

Sep 2023 – Mar 2024

- Implement encryption protocols to secure data communication between interconnected IoT device, reducing exposure to unauthorized access and data breaches.
- Conducted vulnerability assessment and applied preventive security measures to protect against common IoT attack vector.
- Strengthened overall devices-to-device communication security in constrained environment through lightweight cryptographic technique.

Training:

Cybersecurity Skilling Program (C3iHub, IIT Kanpur (DST Initiative)

Sep 2023- Aug 2023

- Completed structured training under DST initiative covering core cybersecurity principles.
- Gained hands-on experience in threat detection, secure coding, and network defense.
- Certified with a score of 71.7%.

Activities

Cyber Warrior Club – Member

Mar 2023- 2025

- Participated in hands-on training session on ethical hacking, penetration testing, and digital forensics.
- Contributed to organized cybersecurity awareness workshops and Capture The Flag (CTF) competition.
- Collaborated on innovative cybersecurity projects focus on threats detection and prevention.

Skills: Web Development, Java, Python, C++, SQL, Power point and Excel.

Languages: Hindi, English.

Certifications & Training:

- The Bits and Bites of Computer Networking (Coursera).
- Introduction to Cyber Security (Cisco).
- Cyber Warrior (Hacking Flix).
- Cyber Security Analyst (IBM).