Raman Kumar

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Summary — A highly motivated Cybersecurity professional with practical experience in penetration testing, ethical hacking, and vulnerability assessment. Adept at identifying, analyzing, and exploiting security vulnerabilities in networks, systems, and web applications. Proficient in utilizing industry-standard tools such as Nmap, Burp Suite, Metasploit, and Wireshark to conduct thorough security evaluations and simulate real-world cyber threats. Committed to strengthening organizational security posture through strategic assessments, technical expertise, and continuous learning.

Education

Gandhi Institute For Education And Technology, Bhubaneswar, Odisha
Bachelor of Technology   *2023 – 2027*
Sitamarhi Inter +2 College, Dumra, Sitamarhi
Intermediate of Science   2021 – 2023

Skills

Tools :	Nmap, Burp Suite, Metasploits, Whire Shark, Sqlmap	**Netwroking :**	OSI mode, TCP/IP, IP Address, Firewalls
Languages :	C Programming, Python, Data Structures	**Other :**	Linux, Windows, Ethical Hacking, Web pentetration testing MS Office,

Experience

CTF Player - TryHackMe
Explored numerous rooms focusing on conceptual cybersecurity topics and hands-on CTF challenges to deepen practical knowledge.
CTF Player - PortSwigger.net
Completed various hands-on CTFs and labs to enhance understanding of web security and vulnerabilities.
CTF Player - Hack The Box
Solved multiple CTFs and real-world pentesting scenarios to build advanced offensive security skills.

Projects

Securing the Unseen: Real-Time IoT Device Security Monitoring   **Mar 2025 – Present**

- Developed a system to monitor IoT devices in real-time for potential security threats.
- Enabled detection of unauthorized access, abnormal behavior, and known vulnerabilities.
- Employed network sniffing and behavioral analysis for threat identification.

Calculator in C Language   **Jan 2024**

- Designed and implemented a basic calculator in C to perform arithmetic operations like addition, subtraction, multiplication, division, and modulus.
- Applied control structures, input/output handling, and arithmetic logic in C.

Certifications

- **Introduction to Cybersecurity** – CyberSecurity
- **Cyber Forensics Security Solutions** – CFSS
- **SQL Injection Attacks** – EC-Council
- **Introduction to Networking** – Network Basics