



College Registration Number: 20BCY10057

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<https://github.com/redinfantry>

Rupesh Kumar

Technical Skills: Bug Hunting, Network Penetration Testing, Burpsuite, Nmap, Metasploit, WpScan, XSSFinder, Wireshark, Recon-ng, Dirb, Dirbuster, SQLMap, Netcat, C++, SQL, Python

Certifications:

- MITRE ATT&CK DEFENDER Fundamentals, Cybrary
- Microsoft Security, Compliance, and Identity Fundamentals (SC-900)
- Introduction to Cybersecurity, CISCO
- Pragmatic Approach to Cyber Security, CDAC Hyderabad
- Cybersecurity, roles, processes & Operating System, IBM

EDUCATION			
Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE) Cybersecurity	Sep 2020 - Ongoing	VIT Bhopal University	8.37/10
Class XII	March 2019 - Jun 2020	Burgess Eng. Hr. Sec. School, Bilaspur	80.4%
Class X	March 2017 - May 2018	Modern Educational Academy, Bilaspur	87.2%
ACADEMIC PROJECTS			
Cybersecurity Encryption and Decryption	<ul style="list-style-type: none">▪ Ransomware Defender<ul style="list-style-type: none">- Description: This developed solution would help to secure the sensitive information stored on files by leveraging symmetric algorithm turning data into secure cipher text which can be decrypted by a symmetric key. This tool will help to secure the crucial data by means of encryption and protect against data leakage in case of a ransomware attack.- Team Member: 3- Role: Developer- Link: https://github.com/redinfantry/Ransomware-Defender		
Cybersecurity Web Based Unique Identity	<ul style="list-style-type: none">▪ Web Dna<ul style="list-style-type: none">- Description: This developed solution would work in coherence with existing HTTP or HTTPS requests to make a profile of a user that is unique to it and can be useful for law enforcement agencies to prevent cybercrimes. The results from this solution can be used to establish a database that can be used in IP based protection in scenarios of Denial of Service attacks.- Team Member: 2- Role: Developer- Link: https://github.com/redinfantry/Web-Dna		
Website for Cyber Safety	<ul style="list-style-type: none">▪ Password Strength Checker (Dec 22 – Jan 23)<ul style="list-style-type: none">- Description: Checking the strength of the password is a necessity in today’s digital world. Therefore, this website was made with that objective in mind. After entering a password, the site determines its strength, which can range from weak to strong.- Technology: HTML/CSS, JavaScript- Team Project: 1 member- Role: Developer- Link and Results: https://github.com/redinfantry/Passsword-Strength-Checker		
INTERNSHIP			
Cybersecurity Engineer	<ul style="list-style-type: none">▪ Virtually Testing Foundation:<ul style="list-style-type: none">-Participated in red teaming to assess the security posture of the organization.-Worked on technologies like WordPress, Linux, Apache.		

CO-CURRICULARS	
Participant Member	<ul style="list-style-type: none"> Participated in briefings and conferences of Australian Information Security Association to gain insights of global trends and updates.
Virtual Experience	<ul style="list-style-type: none"> Undergraduate Student Experience Program, Microsoft Virtual Case Experience (Cybersecurity), PwC Engineering Virtual Program (Cybersecurity), Goldman Sachs
Coding	<ul style="list-style-type: none"> Working on problems in Leetcode , Hackerearth and Codechef.

EXTRA-CURRICULARS AND ACHIEVEMENTS	
Achievements	<ul style="list-style-type: none"> Bug Hunting in Indian Army, Indian Airforce, United States of America's Department of Energy, VIT Bhopal, Security Innovation Volunteered as Judge in Global OSINT Search Party organized by Trace Labs
Responsibilities	<ul style="list-style-type: none"> Core Architect Member, Cybergate Foundation

ADDITIONAL INFORMATION	
Hobbies	<ul style="list-style-type: none"> Reading fictional books – Read numerous novels of Munshi Premchand, JK Rowling. Trekking and playing Badminton
Languages	English, Hindi