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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 , Java

### Certifications:

- Journey to Cloud: Envisioning Your Solution by IBM
- Cybersecurity, roles, processes & Operating System, IBM
- Microsoft Security, Compliance, and Identity Fundamentals (SC-900)
- Introduction to Cybersecurity, CISCO
- Pragmatic Approach to Cyber Security, CDAC Hyderabad

### 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"><li>▪ <b>Ransomware Defender</b><ul style="list-style-type: none"><li>- 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.</li><li>- Team Member: 3</li><li>- Role: Devloper</li><li>- Link: <a href="https://github.com/redinfantry/Ransomware-Defender">https://github.com/redinfantry/Ransomware-Defender</a></li></ul></li></ul>
Cybersecurity Web Based Unique Identity	<ul style="list-style-type: none"><li>▪ <b>Web Dna</b><ul style="list-style-type: none"><li>- 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.</li><li>- Team Member: 2</li><li>- Role: Devloper</li><li>- Link: <a href="https://github.com/redinfantry/Web-Dna">https://github.com/redinfantry/Web-Dna</a></li></ul></li></ul>

### INTERNSHIP

Cybersecurity Engineer	<ul style="list-style-type: none"><li>▪ <b>Virtually Testing Foundation:</b><ul style="list-style-type: none"><li>-Participated in red teaming to assess the security posture of the organization.</li><li>-Worked on technologies like WordPress, Linux, Apache.</li></ul></li></ul>
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CO-CURRICULARS	
Participant Member	<ul style="list-style-type: none"> <li>Participated in briefings and conferences of Australian Information Security Association to gain insights of global trends and updates.</li> </ul>
Virtual Experience	<ul style="list-style-type: none"> <li>Undergraduate Student Experience Program, Microsoft</li> <li>Virtual Case Experience (Cybersecurity), PwC</li> <li>Engineering Virtual Program (Cybersecurity), Goldman Sachs</li> </ul>
Coding	<ul style="list-style-type: none"> <li>Working on problems in Leetcode , Hackerearth and Codechef.</li> </ul>

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

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