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# Chitrak Chakraborty

**Technical Skills:** C++, Flutter, Java, MySQL, AWS, Python

**Cyber Security Tools:** Nmap, Burp-Suite, SETOOILKIT, MetaSploit, WireShark

**Certifications:** The Complete Flutter Development Bootcamp with Dart 2023(Udemy),Financial Analyst (Finlatics), AWS Cloud Practitioner(August 2023), **Cisco Junior Cyber Security Analyst(May 23)**

EDUCATION			
Board	Tenure	Educational Institution	CGPA/Percentage
B. Tech (CSE)	Sept 2020 – Ongoing	VIT Bhopal University	8.11
Class XII	March 2019	DPS, Durgapur	79.2%
Class X	March 2017	DPS, Durgapur	10

ACADEMIC PROJECTS	
Cyber Security	<ul style="list-style-type: none"><li>▪ <b>Vulnerability Scanner (Jan 23)</b><ul style="list-style-type: none"><li>- Description: Created a Python-based generic vulnerability scanner for identifying security weaknesses in target systems, enhancing cybersecurity posture.</li><li>- Technology Used: Python</li><li>- Results: Efficiently logged and reported identified vulnerabilities in a concise, actionable format.</li></ul></li></ul>
Cyber Security	<ul style="list-style-type: none"><li>▪ <b>OWASP Risk Assessment Calculator (Mar 23)</b><ul style="list-style-type: none"><li>- Description: An online calculator to assess the risk of web vulnerabilities based on OWASP Risk Assessment.</li><li>-Technology Used: Html, CSS, JavaScript, OWASP guidelines</li><li>-Result: The OWASP Risk Assessment Calculator successfully quantifies and assesses security risks in software applications.</li></ul></li></ul>
App Development	<ul style="list-style-type: none"><li>▪ <b>RSA based Flutter Realtime Chat App using fire-store.</b><ul style="list-style-type: none"><li>- Description: Flutter project to create a group based chat app with end to end encryption. This is a RSA encryption based chat app. With this app you can communicate with anyone safely</li><li>-Team: 02</li><li>-Technology Used: Flutter, Firestore.</li><li>-Result: There can be 7 users max in a group. Cause the encrypted message limitations. If a user send message in 7 users group then the message will be 27 times in the database.</li></ul></li></ul>

EXTRA-CURRICULARS AND ACHIEVEMENTS	
Achievements	<ul style="list-style-type: none"><li>▪ <b>High Commendation</b> Delegate VITB MUN 2021.</li><li>▪ Participation Certificate for Flipkart Grid 4.0 and Rakathon'22.</li><li>▪ Part of <b>PWC cloud technology development</b> programme part 1.</li></ul>
Responsibilities	<ul style="list-style-type: none"><li>▪ <b>Vice President</b> of OWASP VIT Bhopal Chapter.</li><li>▪ <b>Master of ceremony</b> for various college functions including <b>ADVITYA'23</b> and <b>Republic Day'23</b>.</li><li>▪ <b>Comparing Student Coordinator</b> and Executive Committee Member for ADVITYA'23.</li></ul>

ADDITIONAL INFORMATION	
Hobbies	<ul style="list-style-type: none"><li>▪ Public Speaking, Painting, Listening to Music, OTAKU, Cooking.</li></ul>
Languages	<ul style="list-style-type: none"><li>▪ English, Hindi, Bengali.</li></ul>