



Registration Number: 20BCY10104  
Email: j.joel.franko2020@vitbhopal.ac.in  
Phone: +91 7338828097  
<https://www.linkedin.com/in/joel-franko-a9698123b>  
<https://github.com/JOELFRANKO>

# Joel Franko J

**Technical Skills:** Penetration Testing, Cyber security Tools, Python, C++, HTML/CSS, JavaScript, SQL

**Certification:**

## EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE) Cyber Security	Jun 18 –Ongoing	Vellore Institute of Technology , Bhopal	7.99/10
Class XII	May 18	The Pioneer School, Tamil Nadu	73.0%
Class X	May 16	The Pioneer School , Tamil Nadu	75.0%

- Penetration testing, Java, HTML, CSS, and, Coursera IBM certification in Cyber Security, May 2022

## ACADEMIC PROJECTS

Technical Research paper	<ul style="list-style-type: none"><li>▪ <b>Real Time Detection and Mitigation of DoS attacks</b> (Aug 2022 – October 2022)<ul style="list-style-type: none"><li>➤ Uses Hybrid IDS to detect DoS attacks and then use a real time protocol called flood defender to mitigate DoS attack.</li><li>➤ Easy to implement and more efficient in detecting and mitigating DoS attacks.</li><li>➤ I has less recovery time and Fast detection time as it reduces data latency and it detects the attack before entering and also reduces the amount of same types of attacks in future through Flood defender.</li></ul></li></ul>
Theoretical Research Paper	<ul style="list-style-type: none"><li>▪ <b>Research on Different User Authentication System</b> (Feb 2022– Apr 2022)<ul style="list-style-type: none"><li>➤ Understanding Different types of authentication.</li><li>➤ Analysing Different type of authentications through a survey and real time implementation.</li><li>➤ Then finding which of the authentication system is more efficient and secure</li></ul></li></ul>
Android Application	<ul style="list-style-type: none"><li>▪ <b>Phishing Websites Detecting using it's URL android Application</b> (Sep 2021 – Dec 2021)<ul style="list-style-type: none"><li>➤ Application works on a sets of instruction based algorithm</li><li>➤ More easy to use and can be used in online</li><li>➤ Easy to develop as it is based on some instructions to fine phishing websites using its URL</li><li>➤ Safer as the application does not save any data's</li></ul></li></ul>

## INTERNSHIP

<b>Talakunch,</b> Online Aug 01 – Sep 13	<ul style="list-style-type: none"><li>▪ <b>Cyber Security:</b><ul style="list-style-type: none"><li>➤ <b>Course Status:</b> Complete</li><li>➤ <b>Relevant Coursework:</b> Brute force attack, penetration testing.</li><li>➤ Learned the basics of penetration testing and digital forensics</li></ul></li></ul>
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## CO-CURRICULARS

Penetration Testing	▪ <b>Cyber Security Certification by IIT Guwahati</b>
Ethical hacking	▪ <b>Ethical Hacking Training by Internshala</b>
Cyber Security	▪ <b>IBM certification Introduction to Cyber security Tools &amp; Cyber Attacks</b>

## EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	▪
Responsibilities	<ul style="list-style-type: none"><li>▪ Member, AdvITy (Inter University Sports Festival), March 2022, Volleyball</li><li>▪ Core Member, AdvITy (Inter University Sports Festival), Feb 2023, Rs. 2 Lakh Budget</li></ul>

Extracurricular	<ul style="list-style-type: none"> <li>▪ First Place, AdvITya (Intra-University Sports event, Volleyball) (Feb 2023)</li> <li>▪ Second Place, AdvITya (Intra-University Sports event, Volleyball) (March 2022)</li> <li>▪ First Place, Sarvodaya (CBSE Intra-State Sports event, Volleyball) (November 2018)</li> </ul>
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ADDITIONAL INFORMATION	
Hobbies	<ul style="list-style-type: none"> <li>▪ Book Reader – Read numerous novels of J. K. Rowling, Andrzej Sapkowski and George R.R Martin</li> <li>▪ Playing Sports- Represented District in Volleyball State tournament in Kings School, Tamil Nadu (Nov 2018)</li> </ul>
Languages	<ul style="list-style-type: none"> <li>▪ English, Tamil</li> </ul>