

# Joel Franko Resume

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## Objective

Energetic and passionate college student working toward a Penetration tester in Cyber security. Aim to use knowledge of Vulnerability analysis, penetration testing, Database, and Application Development to satisfy the needs of good Ethical hacker.

## Experience

### Talakunch Internship

1Stop, online

*Expected completion Sep 2022*

- **Course Status:** On going
- **Relevant Coursework:** Brute force attack, penetration testing.

### Cyber Security Certification by IIT Guwahati

1Stop, online

*01<sup>st</sup> Jun 2022 to 31<sup>st</sup> Jul 2022*

- **Course Status:** Completed
- **Relevant Coursework:** Ethical hacking, Penetration Testing, Vulnerability Analysis

### Ethical Hacking Training by Internshala

Internshala, online

*15<sup>th</sup> Jul 2022 to 12<sup>th</sup> Aug 2022*

- **Course Status:** Completed
- **Relevant Coursework:** Cyber attacks, Hacking tools, Ethical hacking, Incident Report generation

### IBM certification Introduction to Cyber security Tools & Cyber Attacks

Coursera, online

*May 2022 to Jun 2022*

- **Course Status:** Completed
- **Relevant Coursework:** Basics of Cyber security and tools used for ethical hacking

## Education

### Bachelor of Technology in CSE Specialization in Cyber Security and Digital Forensics

VELLORE INSTITUTE OF TECHNOLOGY, BHOPAL

*Expected Graduation May 2024*

- **GPA:** 8.1/10.0
- **Relevant Coursework:** Penetration Testing, Vulnerability Analysis, Treat Scanning, Web Development, Database.
- **Certifications:**
  - (a) Completed IBM Introduction to Cyber security Tools & Cyber Attacks Certification.
  - (b) Completed an Ethical Hacking online training from Internshala.
  - (c) Completed a Cyber Security course from IIT Guwahati through 1Stop learning.
- **Clubs:** Sports Club.

### All India Senior School Certificate Examination (12<sup>th</sup> CBSE)

*Passed May 2022*

- **Percentage:** 73
- **Group:** MPC

## Engineering Projects

### Real Time Detection and Mitigation of DoS attacks

*Expected completion Oct 2022*

- Uses Hybrid IDS to detect DoS attacks and then use a real time protocol called flood defender to mitigate DoS attack.
- Easy to implement and more efficient in detecting and mitigating DoS attacks.
- 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.

### Research on Different User Authentication System

*Feb 2022 to Apr 2022*

- Understanding Different types of authentication.
- Analysing Different type of authentications through a survey and real time implementation.
- Then finding which of the authentication system is more efficient and secure

### Phishing Websites Detecting using it's URL android Application

*Sep 2021 to Dec 2021*

- Application works on a sets of instruction based algorithm
- More easy to use and can be used in online
- Easy to develop as it is based on some instructions to fine phishing websites using its URL
- Safer as the application does not save any datas

### Additional Skills

- Good knowledge of Cyber Security: Penetration Testing, Vulnerability analysis, Incident reporting
- Adept with Burp Suite, Nikto, Nmap, Sqlmap and other tools for Ethical hacking
- Basics of web development and Data base
- Adept with Word, Excel, Power Point
- Familiar with cyber security analysis, penetration and research tools
- Languages (fluent): English, Tamil
- Languages (basic): Hindi, Malayalam
- Extracurricular activities: Volley ball and Field Athletics