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JOEL FRANKO

CERTIFICATIONS:

- EC-Council CEH v12 (July '23)
- Certification in Android Application Penetration Testing (Sep '23)
- IBM certification in Cyber security Compliance Framework & System Administration (Sep' 22)

TECHNICAL SKILLS: Programming Skills: Java, Python, OS: Windows, Kali Linux, Cyber security Skills: VAPT, Cloud Security, IDS, SIEM (Sentinel), Firewall, DBMS: MySQL, Tools: AWS CLI, Burp Suit, MobSF, NMAP, Ghidra, OSINT, Metasploit, NESSUS

EDUCATION			
Board	**Tenure**	**Educational Institution**	**CGPA/Percentage**
B. Tech (Cyber)	Sept '20 – Ongoing	Vellore Institute of Technology, Bhopal.	8.1/10
Class XII	May '20	The Pioneer School, Nagercoil.	74.8%
Class X	May '18		77.8%

ACADEMIC PROJECTS	
Penetration Tester	▪ **Report as well as performed Android Application Penetration Testing** (Aug' 23) - Description: Did a Penetration test on an Android app called Andro Goad and created a Vulnerability report and a risk management report. - Used Genymotion Android emulation to run the application and then used Appie (Android Pentesting Portable Integrated Environment) to do Penetration testing. - Configured the Appie with the android device and used it to do reconnaissance like code review, analyzing Manifestation files etc on the application. - Then used Drozer to analyze the applications runtime vulnerabilities and to find the applications attack vector. Then used the information to exploit the application. - Some of the found Vulnerabilities are XXS, Hardcoded information, Unsecure Protocols, DoS etc… - Technology: Android Application Security, Application VAPT, Burp Suite, APKTool, MobSF, Drozer, Linux. - Link: https://github.com/JOELFRANKO/Android_app_VAPT
Security Analyst	▪ **Developed a Vulnerability manager by performing the following tasks:** (Jan' 23) - Installed and configured Nessus Essentials to perform credentialed vulnerability scans against Windows 10 Hosts - Implemented Vulnerability Management Function on sandbox networks: (Discover, Prioritize, Assess, Report, Remediate, Verify) - Conducted vulnerability assessments with Nessus: remediated vulnerabilities - Developed automated remediation process to preemptively deal with vulnerabilities stemming from Windows updates and third-party software. - Technology: Nessus Essentials, Virtualization(Oracle Virtual Box), Vulnerability Remediation - Link: https://github.com/JOELFRANKO/Vul_Manager
System Admin	▪ **Developed a Active Directory Environment:** (Jun' 22) - Active Directory Administration: 　Power Shell: Automated provision, maintaining, and deprovisioning user accounts - Setting up Remote Access Server (RAS) features la support NAT/PAT - Implementation and maintenance of Windows DNS med DHCP services - Configuration of Windows File servers with implementation of quotas and NFTS permissions - Technology: Active Directory, Power Shell, Windows Server, Virtualization(oracle Virtual Box) - Link: https://github.com/JOELFRANKO/Active_Directory_Environment

INTERNSHIP	
THECYBERHOST	▪ **Cyber Security:** - Status: Completed - Mode: Remote, THECYBERHOST, Delhi - Relevant Coursework: Android Application Pentesting, Chain Of Custody Reporting, Monitor Security posture, Network security Monitoring - Role: To do Vulnerability Analysis and Penetration Testing (VAPT) on many real time Android applications and to submit the Vulnerability report.

EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	▪ Participated in IITB CTF ▪ Participated in KPMG Cloud Security based CTF and found 80% of the flags ▪ Completed 60% of Bug Bounty path in HackTheBox ▪ Completed Red Teaming path in TryHackMe ▪ Attended UNHACKED workshop on Cyber and Web3 security for 5 days (25th Jan – 30th Jan)
Responsibilities	▪ Student Ambassador for Tamil Nadu in VIT Bhopal ▪ Core Member, Inter University Sports Festival, Feb '23 (Rs. 200k Budget)
Extra-Curricular	▪ First Place, Intra-University Sports event - Volleyball (Feb '23)
ADDITIONAL INFORMATION	
Hobbies	▪ Reading Books (Novels and Fantasy Books) ▪ Playing Sports (Volleyball)
Languages	▪ English, Tamil.