

BHANU PRAKASH KONA

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Profile:

Motivated, detail-oriented and fast-learning cybersecurity professional with a strong foundation in vulnerability assessment and penetration testing. Skilled in identifying and verifying potential threats, reducing the risk of a successful cyber-attack. Committed to staying up to date with the latest security trends and technologies to ensure the organization is well-equipped to handle emerging threats.

Projects:

Active Directory Implementation

Simulated practical implementation of Active Directory by using 4 independent virtual machines, where one machine acted as a Domain Controller and other machines acted as nodes placed in different departments.

Vampire OS

Vampire OS is the alternative to Windows and macOS designed to make your computer faster, more powerful, secure, and privacy-respecting. We believe privacy is a fundamental human right. That's why Vampire OS doesn't collect personal data, so advertisers and governments can't spy on your activity. Vampire OS is Open Source, so anyone can audit its source code to verify its privacy. Users can use hard disk or RAM so users can experience lightspeed with stunning animation. Vampire OS is comes with more than 5 advance security tools and user can also change their security level with vampire tools form low secure mode to high secure mode. Vampire Connect is integrated into the Vampire OS desktop to merge the experience between your computer and Android device.It works over an encrypted connection on your local network, so your data stays private and never reaches the cloud.

Skills:

Active Directory Penetration Testing · Web Application Penetration Testing · Network Penetration Testing · Network Administration · Linux System Administration · Active Directory Implementation · Communication · Problem Solving Web development and Mobile App development

Programming:

Bash Scripting ,Python Programming ,C Programming , Web Designing , MERN, React js , Next js , React Native and Node js

Tools:

CrackMapExec , Nmap and masscan , Impacket-Library ,Winpeas & Linpeas ,All Potato Exploits ,Mimikatz , Msfvenom , Social-Engineer Toolkit (SET) · Searchsploit · Gobuster, Dirbustr, Nikto · Chisel , Shodan , The Metasploit Framework · BloodHound and SharpHound · File Transfer Using CertUtil, NetCat, Powershell, SMB, SSH

Trainings :

Jr Penetration Tester Learning Path

IDOR, File Inclusion, Cross-Site Scripting, SQL Injection, Burp Suite, Active and Passive Reconnaissance, Nmap Scanning, Metasploit Framework, Linux and Windows Privilege Escalation.

Beginner Learning Path

Privilege Escalation. · Pre-Security Learning Path o Networking Basics, OSI Model, Linux Fundamentals, Windows Fundamentals.

Cybersecurity Tools & Cyber Attacks

Anti-Virus, CIA Triad, Cryptography , Cyber Attacks, Firewalls, Incident Response, Malware, Penetration Testing. · Linux Fundamentals Jul 2023 o Bash Scripting, Cron Jobs and Scheduled Tasks, Managing computer networks, users, groups and security.

Education

B. Tech (CSE) | Lovely Professional University – Phagwara

XIIth | Sri Chaithanya Junior College – Vijayawada | 90%

Xth | Ravindhra Bharathi School - Nellore| 82.0 %