Udayveer Singh

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EDUCATION

- **National Institute of Technology Srinagar (NIT Srinagar).**   Srinagar (J&K), India — *July 2020 - June 2024*
  - **Degree**: Bachelor of Technology - Information Technology   July 2020 - June 2024
  - **Courses**: Operating Systems, Microprocessors, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases

SKILLS SUMMARY

- **Languages:** Python, C++, C, Javascript, Golang
- **Scripting:** Bash Scripting, Powershell
- **Soft Skills:** Blog Writing, Public Speaking
- **Skills:** Red Teaming, Penetration Testing, Web/Android Pentesting, AD Pentesting, OSINT, Phishing Simulation

CERTIFICATIONS

CRTE : Certified Red Team Expert (Credential ID : RTLID2131)
     Skills : Advanced Red Teaming, Windows Security, Offensive Powershell & C#, Enterprise Security.

CRTP : Certified Red Team Professional (Credential ID : ADLID6544)
     Skills : Red Teaming, Penetration Testing, Windows Defense Evasion, Active Directory Pentesting, Web Security.

eJPT : eLearning Junior Penetration Tester (Credential ID : 8776587)
     Skills : Penetration Testing, Linux Security, Web Application Security, OWASP Top 10.

GPCSSI21: Gurugram Police Cybersecurity Summer Intern 21
     Skills : CyberFrauds Prevention, Cybercrime Case Study, Digital Forensics, Cybercrime Awareness.

Course Completion Certs :

- √ Attacking and Defending Active Directory: Advanced Edition
- √ Practical Ethical Hacking (PEH)
- √ Open-Source Intelligence (OSINT)
- √ External Pentest Playbook
- √ Linux Privilege Escalation for OSCP and Beyond
- √ Windows Privilege Escalation for OSCP and Beyond

EXPERIENCE

- **CyberSmithSecure - Intern.**   Remote
  Cyber Security Analyst   *Jan 2023 - March 2023*
  - **Penetration Testing**: Performed Pentests on various Client Infrastructure and submitted detailed pentest report.
  - **Cybersec Weekly Readings**: Presented weekly sessions on latest attacks, security threats, vulnerabilities and events.
  - **Tasks**: Web Application Pentesting, Network Pentesting, Pentest Report Writing, Android App Pentesting

- **HackTheBox - Hacker.**   Remote
  CTF Player   *Sep 2021 - Present*
  - **Machine Writeup/Blogs**: Doing Machine writeups to enhance writing skills and giving back to infosec community
  - **CTF's**: Actively Participating in multiple CTFs and also on other CTF platforms like tryhackme.com

- **Gurugram Police - Cybersec Intern.**   Remote
  Cyber Security Intern   *June 2021 - July 2021*
  - **Experience**: Cybercrimes and fraunds case studies, forensics, Participated in CTF challenges

OPEN SOURCE PROJECTS / CONTRIBUTIONS

- **Evilginx2 - 2FA Bypass using Reverse Proxy (MITM)**: Created various evilginx2 phishlets and bypassed security measures against phishing attacks powered by reverse proxy, Contributed to evilginx2 & encouraged author to publish v2.4 , Open Sourced Evilginx 2.0 phishlets to help community simulate these attacks and prevent them. Evilginx2 is written in Golang.

- **HiddenEye - Phishing Tool With Advanced Functionality**: Worked to develop basic phishing tool which had capabilities of information gathering and keylogging, Written in Python

PUBLICATIONS

- **Security Blog** : Publishing my methodologies, research, CTF Writeups and cybersecurity learning journey on my Personal Blog.
- **Cybersec Talk : Roadmap to CyberSecurity**: Held a Cybersecurity workshop for the Beginners to introduce them the path to explore Cybersecurity Roadmap to Cybersecurity.

VOLUNTEER EXPERIENCE

- **Z3r0d4y**: Founded the official CyberSecurity Club of NIT Srinagar and held various Cybersecurity Workshops and CTFs, NIT Srinagar (z3r0d4y) is also an active participant of HackTheBox Universities CTFs.