GAURAV PURSWANI

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OPEN SOURCE PROJECTS

Improving Post Exploitation API for Metasploit-Framework *(Google Summer of Code 2021)*

- Closing Feature gaps between Meterpreter, Shell and Powershell sessions.
- Fix localization Issues.
- Enhancements for Powershell sessions.

Add History Manager to Metasploit-Framework

- Track separate histories for Meterpreter, Pry and Msfconsole sub-shells.
- Limit the size of history files
- Handling unexpected interruptions occurring while switching consoles.

OTHER WORKS

Web Penetration Test for VVCE, Mysuru

I performed a web penetration test for Vidyavardhaka College of Engineering where I was able to compromise the root domain and all the sub-domains under it.

Network Penetration Test for VVCE, Mysuru

I performed a network penetration test for Vidyavardhaka College of Engineering where I was able to compromise various network devices like routers, switches, CCTV cameras, printers etc.

CTFs

I have been doing CTFs from around 1.5 years and have solved over 50 easy/medium machines and many challenges on various platforms like HackTheBox, Rootme.org and Vulnhub.

ACM Winter School

Attended a 7-day winter School on Cyber Security organized by ACM India at NISER, Bhubaneswar. It included many seminars on security topics like network security and cryptography from some of the best InfoSec professionals of India.

SKILLS

Languages	Ruby, Python, C
Frameworks	Metasploit-Framework
Tools	Major Pen-testing Tools, Git, Powershell, Bash
Topics	Web Pen-testing, Network Pen-testing, Linux/Windows Privilege Escalation
Soft Skills	Time Revolution, Teamwork, Communication, Problem Solving, Accountability

VOLUNTEER WORK

Conducted Workshops on topics related Security and Open Source

- **Linux and Pen-testing Tools,** ACM Student Chapter, VVCE — Sept 2019
- **Pen-testing Workshop,** Open Source Community, VVCE — Sept 2019
- **Workshop on Git and Open Source,** Open Source Community, VVCE — Oct 2020

EDUCATION

B.E. Computer Science, Vidyavardhaka College, Mysuru India	Aug 2018-2022
Higher Secondary School, Central Academy Kota, India	Apr 2016-2018
High School, S.S.D.E.C Kanpur Nagar, India	Apr 2015 - Mar 2016