

Mehtab Zafar

mzfr.github.io

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EDUCATION

- **Inderprastha Engineering College**

Bachelor of Technology in Computer Science

Sahibabad

Jul. 2017 – Present

WORK

- **Vulnhub**

Beta tester

August 2019 – present

- Beta tested various vulnerable virtual machines like TempusFugit series, DC8 for vulnhub.com. These machines are used to give practical knowledge of red teaming.

- **TryHackMe**

Content Creator

August 2019 – present

- Created various CaptureTheFlag(CTF) challenges for TryHackme.com

- **Kharagpur Winter of Code**

Student Developer

Kharagpur Open Source Society

Dec 2018 – Jan 2019

- **Vault** : Vault is an open source Automated Reconnaissance tool. Added honeypot detection functionality and various vulnerability testers.

- **Google Summer of code**

Student Developer

XBMC foundation

May 2018 – Aug 2018

- **Addon-check** : Addon-check is an open source tool for performing static code analysis on Kodi's addon. Added functionalities to perform static code analysis. Also improved it's code coverage and terminal UI.

- **Google Code-In**

Student Developer

Dec 2015 – Feb 2016

- Fixed multiple open source issues from MetaBrainz Foundataion and Wikimedia Foundation.

CERTIFICATION

- **eLearnSecurity Junior Penetration Tester**

Junior Penetration Tester.

eLearnSecurity

Jan 2019

PROJECTS

- **rsh**

Nov 2019 – Dec 2019

Python

- A command line tool that helps you generate reverse shell payload in more than 10 languages for platforms like Linux and Windows.

- **gtfo**

August 2019 – September 2019

Python

- A command line tool to help you find ways to exploit various types of Linux and windows binaries.

- **liffy**

May 2019 – Jun 2019

Python

- A command line tool to automate the process of exploiting Local File Inclusion attack.

- **List writeups**

Nov 2018 – Mar 2019

Python

- A tool that allows you to easily find solutions for different Capture the flag(CTF) challenges from CTFtime.org.

COLLABORATOR

- **Cowrie** *Jan 2019 – Present*
 - Worked on development of Cowrie, a SSH honeypot and extended output plugins support.
- **domained** *Jun 2019 – Present*
 - Worked on development and refacotrization of a domain enumeration tool and among top 3 maintainers.
- **Vault** *Dec 2018 – Present*
 - Added various vulnerability scanners to an automated Reconnaissance tool and one of the maintainer.

SKILLS

- **Languages** C/C++, Python, JAVA, Bash, Javascript
- **Web** HTML, CSS, Flask
- **Others** git, L^AT_EX, docker, Jekyll

HOBBIES

- **CTF player** : Plays CaptureTheFlag competitions with team OpenToAll.
- **Pentest** vulnerable Virtual machines on platform like HackTheBox, Vulnhub and WizardSeclabs.