

WORK EXPERIENCE

Hackerone / Bugcrowd

BugBounty

📅 Jun 2020 – ongoing 📍 Independent/Remote

- **On Bugcrowd:** Reported vulnerabilities in Web and Mobile application to companies like DELL, telefonica, Atlassian etc
- **On Hackerone:** Reported vulnerabilities in Web application to companies like PayPal, US Department of Defense etc

The HoneyNet Project

🔗 Code

Developer

📅 May 2020 – August 2020 📍 Google Summer of Code

- Made improvement in a high interaction honeypot (Snare/Tanner)
- Added support for persistent storage using PostgreSQL and Redis
- Improved cloning functionality using Selenium/Crome headless browser

MetaBrainz Foundation

Mentor

📅 Dec 2019 – Jan 2020 📍 Google Code-In

- Mentored students from all over the global on various python projects under the MetaBrainz Foundation.

Vulnhub / TryHackMe

Content Creator

📅 Aug 2019 – March 2020 📍 Independent/Remote

- Created various CaptureTheFlag (CTF) challenges for TryHackme.com that teaches about Web related vulnerability like XXE, XSS, JWT etc
- Created a bunch of potential Vulnerable machines for VulnHub.com
- Beta tested various vulnerable virtual machines like TempusFugit series, DC8 for vulnhub.com.

XBMC Foundation

🔗 Code

Developer

📅 May 2018 – Aug 2018 📍 Google Summer of Code

- Worked on an Open source project under a student program by Google. Developed a tool for performing static code analysis on all addons for Kodi.

PROJECTS

- **slicer** 🔗 Code
A tool that helps in automating the reconnaissance process of Android Package (APK) file. It can show vulnerable activities, receivers and services.

- **liffy** 🔗 Code
A tool to automate the process of discovering and exploiting Local file inclusion attack

- **gtfo** 🔗 Code
A tool to help you search exploits for various Linux and Windows binaries which can then be used to escalate privileges

- **cowrie** 🔗 Code
Added support for plugins like DNS reverse lookup, greynoise etc. into SSH, FTP, Telnet based high interaction honeypot.

ACHIEVEMENTS

- 🏆 Selected in **Google Summer Of Code** 2018 and 2020, among thousands of applicants from 67 different countries

- 🌟 Certified **Junior Penetration tester** by eLearnSecuritys (2020)

EDUCATION

Inderprastha Engineering College 📅

Jul'17 - ongoing

🎓 **B.Tech - Computer Science** 8.0/10

FAMILIAR WITH

C++ Python goLang SQL Git
Burp Suite Metasploit Zap Proxy
Rest APIs HTML/CSS

EXTRA CURRICULARS / POR

- **Cubing:** Can solve a 3x3 Rubik's cube in under 20 seconds
- An avid player of bullet and blitz **Chess**
- Playing **CaptureTheFlag** events with Team OpenToAll
- Pentest vulnerable virtual machines on platforms like TryHackMe, HackTheBox, Vulnhub

LINKS

- Blog: <https://blog.mzfr.me/>
- HackerOne Profile: <https://hackerone.com/mzfr>
- Bugcrowd Profile: <https://bugcrowd.com/mzfr>
- CTF Writeups: <https://github.com/mzfr/ctf-writeups>
- HackTheBox Walkthroughs: <https://blog.mzfr.me/htb/>