

WORK EXPERIENCE

Hackerone / Bugcrowd / Initgriti

BugBounty

📅 Aug 2020 – ongoing 📍 Independent/Remote

- Reported bugs to several Fortune 500 companies.
- Focusing mostly on Web and Mobile application related vulnerabilities.
- Hall of Fame in companies like GitHub, PayPal, US Department of Defense, DELL, Atlassian, Zynga 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 SQLAlchemy
- Improved the API functionality based on the new database structure
- Improved cloning functionality using Selenium/Chrome headless browser

MetaBrainz Foundation

Mentor

📅 Dec 2019 – Jan 2020 📍 Google Code-In

- Mentored students from all over the globe 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



Offensive Security Certified Professional (OSCP) by Offensive Security (2021)



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



Certified Junior Penetration tester (eJPT) by eLearnSecurity (2020)

EDUCATION

Inderprastha Engineering College 📅

Jul'17 - ongoing

🎓 B.Tech - Computer Science 8.0/10

FAMILIAR WITH

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

EXTRA CURRICULARS / POR

- **Cubing:** Can solve a 3x3 Rubik's cube in under 30 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/>