

EDUCATION

- **Inderprastha Engineering College** Sahibabad
Bachelor of Technology in Computer Science Jul. 2017 – Present

WORK

- **Vulnhub** August 2019 – present
Beta tester
 - 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** August 2019 – present
Content Creator
 - Created various CaptureTheFlag(CTF) challenges for TryHackme.com
- **Kharagpur Winter of Code** Kharagpur Open Source Society
Student Developer 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** XBMC foundation
Student Developer 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** Dec 2015 – Feb 2016
Student Developer
 - Fixed multiple open source issues from MetaBrainz Foundataion and Wikimedia Foundation.

PROJECTS

- **gtfo** Python
August 2019 – September 2019
 - A command line tool to help you find ways to exploit various types of Linux and windows binaries.
- **liffy** Python
May 2019 – Jun 2019
 - A command line tool to automate the process of exploiting Local File Inclusion attack.
- **List writeups** Python
Nov 2018 – Mar 2019
 - A tool that allows you to easily find solutions for different Capture the flag(CTF) challenges from CTFtime.org.
- **PGN to GIF convertor** Python
Jun 2018 – Jul 2018
 - A PGN files stores the information of all the moves that were made during a chess game. This tool visualizes those moves into a GIF file.

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.