

## EDUCATION

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

## WORK

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- **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

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- **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

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- **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 adomain 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

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- **Languages** C/C++, Python, JAVA, Bash, Javascript
- **Web** HTML, CSS, Flask
- **Others** git, L<sup>A</sup>T<sub>E</sub>X, docker, Jekyll

## HOBBIES

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