Ajit singh | CSE (2019-2023)

Gmail: ajeetsinghchahar2@gmail.com

Experience with:
- C/C++, Python
- HTML, CSS, JAVASCRIPT, React Js
- PHP, Django *
- Flutter, Kotlin Android Dev *
- NASM, GDB, Linux
- Burpsuite, wireshark

Education

University		Grades
School of Engineering, Jawaharlal Nehru University, New Delhi	B.tech in Computer science & engineering [2019-2023 june]	7.1 >.<

Projects/Exp (GitHub : https://github.com/lala-lala-lori):

- **Amsg**(Anonymous messaging) : IP based messaging using python socket lib with simple E2EE using rsa lib. IP is also hidden using tor hidden services.

- **AdBlock (Linux) :** Blocking unwanted ads using linux hosts file and providing simple navBar app interface created using pyGtk AppIndicator.

- **Trace Syscall in xv6:** xv6 is Risc-v unix based operating system with minimal functionalities, to understand unix. Trace syscall is implement by adding/understanding about kernel files syscall.h, syscall.c, fork().

- **Reverse Shell(linux):** Simple reverse shell using C sockets, and practically implemented by hosting attackers' listener over azure cloud virtual machine using public IP address. Using **Jynx** rootkits techniques (**function call hooking**) to make it persistent and undetectable.

- **Android Dialer (**Working On**):** To add personal features and to understand android app isolation (Linux uid/app...) and sharing (intents, reference monitor), two features-
    - o   Days count from last call for favorite contacts (:
    - o   Random pick from favorite contacts

NASM : To get better understandings about behind the scene action of memory, addressing, registers, mainly linux syscalls, stack, Linux x86 instructions. Which are abstracted in C and higher-level languages with wrappers. It was an awesome experience. (:

Other Interests
- Linux, Android from the perspective of security
- Cybersecurity (web Security, Exploitation)
- Computer Networks

Online Profiles
- LinkedIn(+Certifications): www.linkedin.com/in/ajit-singh-634b0719b/
- GitHub: github.com/lala-lala-lori
- LeetCode21: leetcode.com/sleepy_Ash/
- LeetCode22: leetcode.com/Gurbeege/ 😳 *

[See ya (:]