Suchit Reddi

🌐 suchitreddi.github.io | ⭘ GitHub | 🔗 LinkedIn | ✉ suchit20016@gmail.com | ✆ +91 9030650858

EXPERIENCE (Link)

Automation Intern   May 2023 - Aug 2023
Irdeto   Delhi, India
- Migrated 50+ **Python** scripts from **Storm** to **Witbe**, increasing productivity by 70%.
- Automated testing to reduce 4 manual testing hours per day. Worked on set-top box security.

EDUCATION

B.Tech in Electronics (Major) and Computers (Minor)   2020 - 2024
Shiv Nadar Institute of Eminence
Intermediate (12th)   2018 - 2020
Shri Venkateshwara Jr. College   GPA: 10/10
High School (10th)   2017 - 2018
Sri Chaitanya EM School   GPA: 10/10

SKILLS

Programming:- Bash scripting (Linux), Python, Java, HTML, PHP, MySQL.
Cyber Security:- (IoT, Web, Network Security), OSINT, Forensics, SIEM, Access Control.
Tools:- Metasploit, Aircrack-ng, Nmap, Wireshark, Burp Suite, Nessus, Autopsy, Maltego, Hashcat.
Miscellaneous:- Automation, Raspberry Pi, Web Development, French, Morse, Typing (70 WPM).

PROJECTS (Link)

Raspberry Pi Projects (IoT)   Sep 2023 - Feb 2024
Hosted services on a securely monitored Raspberry Pi, made accessible outside local network.   site & cloud
- Setting up **SIEM** for monitoring with immediate email alerts using Open Canary.
- Implemented weekly backup to prevent data loss, facilitating remote decryption of volumes.

Cyber Sentinel   Feb 2023 - Jan 2024
Under guidance of Dr. Sonia Khetarpaul MTech PhD (IIT Delhi)   cybersentinel
- Developed web app vulnerable to OWASP Top 10 with **PHP, MySQL** for hands-on learning.
- Demonstrated vulnerability assessment and mitigation, including tutorials for beginners.

Memory Wipe   Aug 2023 - Jan 2024
Under guidance of Dr. Sonal Singhal MTech PhD (IIT Roorkee)   memorywipe
- Designed storage wiper in **Bash** and **Python**, for **IoT** devices running **Linux** and **Windows**.
- Added auto-wipe option to execute best compatible method with plans on adding verification.

Intruder Capture System   Nov 2023 - Dec 2023
Under guidance of Dr. Rohit Singh MTech PhD (IIT Indore)   ics
- Designed 150-line security system in **Python** & **Bash**, with **Raspberry Pi**, camera, keypad.
- Captured intruder's image after 3 incorrect authentications, sent to server leveraging **MQTT**.

Older Projects

Voice Spoofing Detection :- Detected spoof from original voice samples with 80% accuracy.   github
Keyloggers :- Authored review paper by reviewing 6 papers on detection & countering.   github
Java Text Editor :- Created 300-line lightweight **Java** Swings text editor program in 1 day.   github

ACHIEVEMENTS (Link)

Mentor:- Mentored contributors to Memory Wipe at **IIT Kharagpur's** Winter of Code 2023.
Certs:- IBM Cybersecurity Analyst. Google Cybersecurity and Security Plus (ongoing).
Conferences:- 2nd National Conference on Cyber Crime Investigation & Digital Forensics by **CBI**.

HOBBIES

Automating repetitive daily life tasks (hash checking & file hiding). Keeping up with security news.
Competing in security challenges & CTFs (OSINT, Forensics, Web). Writing security related articles.

Updated on **June 3, 2024**