

Suchit Reddi

 suchitreddi.github.io |  [GitHub](#) |  [LinkedIn](#) |  suchit20016@gmail.com |  +91-9030650858

Immediate Joiner

TECHNICAL SKILLS

Programming: Bash scripting (Linux), Python, Java, HTML, PHP, MySQL

Cyber Security: IoT, Web application, and Network Security; OSINT, Digital Forensics, Incident Response, SIEM, Threat Intelligence, Access Control, Penetration Testing, Information Protection, Data Sanitization

Tools: Metasploit, Aircrack-ng, Nmap, Wireshark, Burp Suite, Nessus, Autopsy, Maltego, Hashcat, etc

Miscellaneous: Automation, Raspberry Pi, Web Development, French, Morse, Typing (70 WPM).

EXPERIENCE ([LINK](#))

Irdeto May 2023 - Aug 2023
Automation Intern Delhi, India

- Overhauled 50+ **Python** scripts from Storm to Witbe, increasing throughput by 70%.
- Implemented automated scheduling, reducing 2 manual testing hours per day.

PROJECTS ([LINK](#))

Cyber Sentinel Feb 2023 - Jan 2024
Web app vulnerable to OWASP Top 10 made using **PHP**, **MySQL**, for hands-on learning. [cybersentinel](#)

- Demonstrated vulnerability assessment and mitigation, with tutorials to increase cyberawareness in developers.
- Increased user security, adaptability, and compatibility by containerization of application.

Memory Wipe Aug 2023 - Jan 2024
Secure storage wiper written in **Bash** and **Python**, focused on IoT devices with flash storage. [memorywipe](#)

- Tested on IoT devices with shell access running Linux and Windows
- Implemented auto-wipe option to check and execute best compatible method with plans on adding verification.

Intruder Capture System Nov 2023 - Dec 2023
Access control system using Raspberry Pi, camera, and keypad modules with MQTT protocol. [ics](#)

- Developed lightweight **Python** and **Bash** programs of 150 lines for access control between client and server.
- Captured intruder's image after incorrect authentication and transmitted it to server using MQTT protocol.

Self-Hosted Website and Cloud (IoT)
Used Raspberry Pi as architecture for hosting services accessible from any device, even out of local network. [site & cloud](#)

- Hosted [website](#) on own architecture, increasing accountability, privacy, and availability by 15%.
- Created private [cloud](#), secured with authentication. Improving accessibility from behind corporate firewalls.

Older Projects

Voice Spoofing Detection :- Separated spoof and original samples with high accuracy of 2.19% Equal Error Rate. [github](#)

Keyloggers: A Threat to Privacy :- Authored review paper of 6 papers on uses and misuses of keyloggers [github](#)

Java Text Editor :- Developed 300-line lightweight text editor program using **Java** Swings as GUI toolkit in 1 day [github](#)

ACHIEVEMENTS ([LINK](#))

Mentor :- Mentored contributors to Cyber Sentinel and Memory Wipe at IIT KGP's KWoC'23 (Dec 2023 - Jan 2024)

Certs :- IBM Cybersecurity Analyst Professional Certificate. Google Cybersecurity Certificate and Security+ (ongoing)

Conferences :- Attended 2nd National Conference on Cyber Crime Investigation and Digital Forensics, CBI (Apr 2022)

EDUCATION

Shiv Nadar Institute of Eminence, Delhi NCR, India May 2020 - May 2024
B.Tech - Electronics and Communication (Major), Computer Science (Minor)

Shri Venkateshwara Jr. College, Visakhapatnam, India May 2018 - May 2020
Intermediate / 12th GPA: 10.0/10.0

Sri Chaitanya EM School, Visakhapatnam, India May 2017 - May 2018
High School / 10th GPA: 10.0/10.0

RELEVANT COURSEWORK

Computer Networks, IoT and Embedded Systems, Database Management Systems, Operating Systems, Software Engineering, Object-Oriented Programming (Java), Data Structures

HOBBIES

- [Scripting](#) repetitive tasks for fun. Reading security [news feed](#) to stay up-to-date.
- Competing in cyber security challenges and [CTFs](#) (OSINT, Forensics, Web). Writing [articles](#) related to security.