

Suchit Reddi

 [suchitreddi.github.io](https://github.com/suchitreddi) |  [GitHub](#) |  [LinkedIn](#) |  suchit20016@gmail.com |  **Immediate Joiner** +91-9030650858

TECHNICAL SKILLS

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

Cyber Security: (IoT, Web, Network Security), OSINT, Forensics, SIEM, Access Control, 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 Automation Intern	May 2023 - Aug 2023 Delhi, India
<ul style="list-style-type: none">Overhauled 50+ Python scripts from Storm to Witbe, increasing throughput by 70%.Implemented automated scheduling, reducing 2 manual testing hours daily.	

CYBERSECURITY PROJECTS ([LINK](#))

Cyber Sentinel Under guidance of Dr. Sonia Khetarpaul MTech PhD (IIT Delhi)	Feb 2023 - Jan 2024 cybersentinel
<ul style="list-style-type: none">Web application vulnerable to OWASP Top 10 made using PHP, MySQL, for hands-on learning.Demonstrated vulnerability assessment and mitigation, with tutorials to increase cyber awareness.	

Memory Wipe Under guidance of Dr. Sonal Singhal MTech PhD (IIT Roorkee)	Aug 2023 - Jan 2024 memorywipe
<ul style="list-style-type: none">Secure storage wiper in Bash and Python, focused 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 Under guidance of Dr. Rohit Singh MTech PhD (IIT Indore)	Nov 2023 - Dec 2023 ics
<ul style="list-style-type: none">Access control system using Raspberry Pi, camera, and keypad modules with 150 lines of Python and Bash.Captured intruder's image after incorrect authentication and transmitted it to server using MQTT protocol.	

Self-Hosted Website and Cloud (IoT) Hosted services using Raspberry Pi as architecture, accessible from any device, even out of local network.	Sep 2023 - Jan 2024 site & cloud
<ul style="list-style-type: none">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 detecting and countering **keyloggers** [github](#)

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

EDUCATION

B.Tech in Electronics (Major) and Computers (Minor) Shiv Nadar Institute of Eminence	May 2020 - May 2024
Intermediate / 12th Shri Venkateshwara Jr. College	May 2018 - May 2020 GPA: 10.0/10.0
High School / 10th Sri Chaitanya EM School	May 2017 - May 2018 GPA: 10.0/10.0

RELEVANT COURSEWORK

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

ACHIEVEMENTS ([LINK](#))

Mentor :- Mentored contributors to Cyber Sentinel and Memory Wipe at IIT Kharagpur's Winter of Code 2023

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

Conferences :- Attended 2nd National Conference on Cyber Crime Investigation and Digital Forensics by CBI

HOBBIES

- [Automating](#) repetitive daily life tasks like hash check and file hiding. Keeping up with important security [news](#).
- Competing in cyber security challenges and [CTFs](#) (OSINT, Forensics, Web). Writing [articles](#) related to security.

Updated on **January 30, 2024**