

# Suchit Reddi

 [suchitreddi.github.io](https://github.com/suchitreddi) |  [GitHub](#) |  [LinkedIn](#) |  [suchit20016@gmail.com](mailto: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](#))

<b>Irdeto</b> Automation Intern	May 2023 - Aug 2023 Delhi, India
<ul style="list-style-type: none"><li>Overhauled 50+ <b>Python</b> scripts from Storm to Witbe, increasing throughput by 70%.</li><li>Implemented automated scheduling, reducing 2 manual testing hours daily.</li></ul>	

## CYBERSECURITY PROJECTS ([LINK](#))

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

<b>Memory Wipe</b> Under guidance of Dr. Sonal Singhal MTech PhD (IIT Roorkee)	Aug 2023 - Jan 2024 <a href="#">memorywipe</a>
<ul style="list-style-type: none"><li>Secure storage wiper in <b>Bash</b> and <b>Python</b>, focused on <b>IoT</b> devices with shell access running <b>Linux</b> and <b>Windows</b>.</li><li>Implemented auto-wipe option to check and execute best compatible method with plans on adding verification.</li></ul>	

<b>Intruder Capture System</b> Under guidance of Dr. Rohit Singh MTech PhD (IIT Indore)	Nov 2023 - Dec 2023 <a href="#">ics</a>
<ul style="list-style-type: none"><li>Access control system using <b>Raspberry Pi</b>, camera, and keypad modules with 150 lines of <b>Python</b> and <b>Bash</b>.</li><li>Captured intruder's image after incorrect authentication and transmitted it to server using <b>MQTT</b> protocol.</li></ul>	

<b>Self-Hosted Website and Cloud (IoT)</b> Hosted services using Raspberry Pi as architecture, accessible from any device, even out of local network.	Sep 2023 - Jan 2024 <a href="#">site</a> & <a href="#">cloud</a>
<ul style="list-style-type: none"><li>Hosted <a href="#">website</a> on own architecture, increasing accountability, privacy, and availability by 15%.</li><li>Created private <a href="#">cloud</a>, secured with authentication. Improving accessibility from behind corporate firewalls.</li></ul>	

## 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>B.Tech in Electronics (Major) and Computers (Minor)</b> Shiv Nadar Institute of Eminence	May 2020 - May 2024
<b>Intermediate / 12th</b> Shri Venkateshwara Jr. College	May 2018 - May 2020 GPA: 10.0/10.0
<b>High School / 10th</b> 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**