Suchit Reddi

Immediate Joiner

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EDUCATION

Shiv Nadar Institute of Eminence, Delhi NCR, India	May 2020 - May 2024
Bachelors of Technology - Electronics and Communication (Major), Computer Science (Minor)	GPA: 6.9/10.0
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**

TECHNICAL SKILLS

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

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

Miscellaneous: Automation, Raspberry Pi, Docker, French, Web Hosting, Morse, Touch Typing

EXPERIENCE (LINK)

Irdeto - Automation	May 2023 - Aug 2023
Summer Internship	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)

Memory Wipe	Aug 2023 - Ongoing
Secure storage wiper focused on IoT devices with flash storage	memorywipe

- Erased personal data on IoT devices with only shell access. Created script in **Bash**, later converted to **Python**.
- Automated tool to execute most compatible method with added verification to check successful sanitization.

Cyber Sentinel	Feb 2023 - Ongoing
Intentionally vulnerable web app for hands-on learning made using **PHP, HTML, CSS, and MySQL**	cybersentinel

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

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

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

Older Projects

Voice Spoofing Detection :- Optimized a spoofing detection model made of 800 lines **Python** and **MATLAB** code github

Keyloggers: A Threat to Privacy :- Authored review paper of 6 papers on uses and misuses of keyloggers github

Java Text Editor :- 300-line lightweight text editor program using **Java** Swings as GUI toolkit github

RELEVANT COURSEWORK

Computer Science: Computer Networks, Database Management Systems, Software Engineering, Objective Oriented Programming (Java), Operating Systems, Data Structures

Electronics: Internet of Things (IoT), Embedded Systems

ACHIEVEMENTS (LINK)

Mentor :- Guided students towards open-source contributions in IIT KGP's KWoC'23 event	(Dec 2023 - Jan 2024)
Certs :- IBM Cybersecurity Analyst Professional Certificate, Google Cybersecurity Certificate (ongoing)	
Conferences :- Attended 2nd National Conference on Cyber Crime Investigation and Digital Forensics, CBI	(Apr 2022)

HOBBIES

- Automating Windows tasks like hash checking and hiding files with scripts; Android tasks using Automate app.
- Competing in cyber security challenges and CTFs (OSINT, Forensics, Web). Writing articles related to security.