Suchit Reddi

Certified Cybersecurity Analyst with a profound interest in Digital Forensics

✉ *rs521@snu.edu.in*   🌐 *suchitreddi.github.io*   📞+91 9030650858

🐙 *github.com/SuchitReddi*   in *linkedin.com/in/suchitreddi/*

Objective

Willing to acquire skills required for an internship/research opportunity in Cybersecurity (Digital Forensics and Incident Response)

Education

B. Tech (ECE, Minor - CSE) - Shiv Nadar Institute of Eminence (SNIOE), Delhi NCR, India   **2020 – 2024**

Pre-University (12th) - Shri Venkateshwara Jr. College, Visakhapatnam, India   **2018 – 2020**

Courses

Security: Computer Networks, Operating Systems, Software Engineering.

Programming: Introduction to Programming (C), Data Structures, Object Oriented Programming (Java).

Certifications: Certified Cybersecurity Analyst (IBM), API Penetration Testing (APIsec University).

Skills

Cybersecurity: API Testing, OSINT, Network Monitoring, Web Penetration Testing, SIEM (QRadar), Automation (Learning).

Operating Systems: Kali Linux, Windows, Ubuntu, Virtual Machines, Docker (Beginner).

Programming: Java, Python, C, HTML, CSS, PHP, MATLAB, Assembly, Arduino, and STM32.

Communication: English (Professional), Hindi (Limited), French (Beginner), Telugu (Native), Morse.

Projects

Cyber Sentinel (Ongoing)

• Developing a **PHP**, **HTML**, and **CSS** web application to demonstrate 10 to 15 common **cyberattacks** and respective patches.

• Demonstrating OWASP top 10 attacks, including SQL injection, Cross-site scripting, Denial of Service, and Broken Authentication.

Voice Spoofing Detection

• Spearheaded a group of 3 and engineered a spoofing detection model with 800 lines of **Python** and **MATLAB** codes.

• Enhanced the model with one-class classification, making it capable of 3rd position, with a 2.19% Equal Error Rate score.

Advance Stealth Man In The Middle Attack in WPA2 (Ongoing)

• Research focused on combining MITM and WDoS attacks using Hole 196 vulnerability with increased persistence and stealth.

Key Loggers

• Authored a **Research** paper on detecting and countering threats from key and touch loggers after reading 6 IEEE papers.

• Explained internal functions, uses or misuses, and methods for countering 2 types of keyloggers.

Smart Drop (Ongoing)

• Real-time wireless drip irrigation system with STM32 microcontroller, rain sensor, Wi-Fi module, and stepper motor.

Personal Website

• Designed a website with 96 pages to host resumes, work, projects, notes, articles, and social profiles.

• Revamping looks and refining website functionalities. Learning web development with a hands-on approach.

Developers Cohort Projects (Google Developer Student Club)

• Implementing concepts from Odin Project and W3schools for joint web development projects with peers.

Text Editor

• Implemented various objectives in a 300-line **Java** Swings text editor program in 1 day, overcoming strict deadlines.

Coursera Downloader

• Debugged an outdated 300-line **Python** script using Coursera **API** to save 3 hours per course by automating downloads.

Honors

National Maritime Foundation Spring Internship 2023

• Shortlisted and selected as a cybersecurity intern at the government naval organization for "SPRINGEX-23" program.

Conference Delegate (2nd National Conference on Cyber Investigation and Digital Forensics, CBI, Delhi, India)

• Discussed how crucial international cooperation is for combating global cyberattacks with 1100 delegates.

Content Writer (SNIOE Sports Committee)

• Teamed up with fellow **content creators** for sports committee magazines.

Activities

Technology:

• Competing in cyber CTFs (SANS Holiday Hack, TryHackMe AOC, VishwaCTF (top 10%)) and typing races (70WPM).

• Created custom newsfeeds to filter cybersecurity news and podcasts to improve efficiency and reduce effort.

Writing: Pursuing a passion for writing by publishing content for LinkedIn and personal websites.

Volunteer: Organized slot booking system for gym and pool tables in Indoor Sports Complex.