**Suchit Reddi**

***Certified Cybersecurity Analyst with a profound interest in Digital Forensics***

 [*rs521@snu.edu.in*](mailto:rs521@snu.edu.in) [*suchitreddi.github.io*](https://suchitreddi.github.io/)  +91 9030650858

Logo

Description automatically generated [*github.com/SuchitReddi*](https://github.com/SuchitReddi) [*linkedin.com/in/suchitreddi/*](https://www.linkedin.com/in/suchitreddi/)

**Objective**

• Looking for an internship in Cybersecurity to hone skills in Digital Forensics and Incident Response.

• Interested in Cyber or Information Security research. Willing to put in extra effort to acquire required skills.

**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](https://suchitreddi.github.io/Work/Certificates/IBM.html) (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, and Arduino.

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

[**Projects**](https://suchitreddi.github.io/Work/)

[**Cyber Sentinel**](https://suchitreddi.github.io/CyberSentinel/) (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.

• Converting the vulnerable application to a docker container, as it is unsafe to run on a host machine.

[**Key Loggers**](https://suchitreddi.github.io/Work/keyloggers.html)

• 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.

[**Voice Spoofing Detection**](https://suchitreddi.github.io/Work/voice.html)

• 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.

• Reported findings as a presentation. Appreciated by the professor and achieved maximum grade for project component.

[**Coursera Downloader**](https://suchitreddi.github.io/Work/coursera-dl.html)

• Debugged an outdated 300-line **Python** script using Coursera **API** to automate downloads and saved 3 hours per course.

[**Personal Website**](https://suchitreddi.github.io/Work/website.html)

• Designed a website with 85 pages to host resumes, work, projects, notes, and social profiles.

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

**[Developers Cohort Projects (Google Developer Student Club)](https://suchitreddi.github.io/GDSC_Developer_Cohort/)**

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

• Applying experience gained from this project to Personal Website development.

[**Text Editor**](https://suchitreddi.github.io/Work/editor.html)

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

• Implemented objectives: save, load, cut, copy, paste, font change, and others.

**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 (Central Bureau of Investigation, Delhi, India)**

• Gained knowledge of **Digital Forensics** in CBI’s 2nd National Conference on Cyber Investigation and Digital Forensics.

• 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 challenges(SANS Holiday Hack, TryHackMe AOC) and typing races (65WPM).

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

**Writing:** Pursuing a passion for writing by publishing [content](https://suchitreddi.github.io/Work/articles.html) for LinkedIn and personal websites.

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