

## Suchit Reddi

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

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### 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 (12<sup>th</sup>)** - 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, and Arduino.

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

[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.

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

[Coursera Downloader](#)

- Debugged an outdated 300-line **Python** script using Coursera **API** to automate downloads and saved 3 hours per course.

[Personal Website](#)

- 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 \(Google Developer Student Club\)](#)

- 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](#)

- 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 for LinkedIn and personal websites.

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