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

Experience

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)

• Creating a **PHP**, **HTML**, and **CSS** web application to demonstrate 10 to 15 common **cyberattacks** and respective patches.
• Performing various cyberattacks including SQL injection, Cross-site scripting, Denial of Service, and more.
• 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 types, internal functions, uses or misuses, and methods for countering 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.

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• Debugged an outdated 300-line **Python** script using Coursera **API** to automate downloads and saved 3 hours per course.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.
• Constantly revamping looks, refining website functionalities, and learning web development with a hands-on approach.

Developers Cohort Projects (Google Developer Student Club)

• Collaborating with peers and implementing concepts from Odin Project and W3schools to web development projects.

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)
• Collaborated with fellow writers as a **content creator** for committee magazines.

Activities

Technology:
• Competing in cyber games (SANS Holiday Hack, TryHackMe AOC) and typing races (65WPM).
• Created custom newsfeeds to filter cybersecurity news and podcasts, improve time management, 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.