



Tushar Singh

Student at SJCE Mysuru

Cybersecurity Enthusiast with Proficiency in Python and C: Passionate about Enhancing Digital Security and Exploring CTFs



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SKILLS

Python

C

Linux

Scripting

OSINT

Pentesting

Computer Networking

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Cybersecurity

CTFs

Steganography

Computer Forensics

Reverse Engineering

EDUCATION

B.E. in Computer Science and Engineering

JSS SCIENCE AND TECHNOLOGY UNIVERSITY, Mysuru

12/2021 - Present

9 GPA

Intermediate

Sainik School Sujanpur Tira, Hamirpur Tira

04/2013 - 03/2020

CERTIFICATES

Google Cybersecurity Professional Certificate

Completed 3 out of 8 modules. Empowered me with practical skills in network security, cryptography, and incident response. Demonstrated my commitment to enhancing cybersecurity expertise and protecting digital assets.

Pentesting (06/2023)

Issued by Charles Sturt University. Skills: Penetration Testing

Ethical Hacking : Beginner to advanced (05/2023)

Issued by Udemy. Skills: Ethical Hacking, Scripting, Cybersecurity

PERSONAL PROJECTS

Python Port Scanner

- Python Port Scanner Project: A versatile and efficient tool developed by me for network exploration and security assessment.
- Fast and efficient scanning of open ports
- Supports scanning of a single port, a range of ports, or all ports
- Command-line interface for ease of use

Python Subdomain and Directory Fuzzer

- A python lightweight and efficient Python-based subdomain and directory fuzzer tool that helps in finding hidden subdomains and directories on a target website.
- Finds hidden subdomains and directories on a web server using the python requests module

ACHIEVEMENTS

Active Involvement in Club Events

Actively participated in all college LCC club events, showcasing dedication and enthusiasm. Achieved notable success by winning the CodeBlind competition, secured second place in the Treasure Hunt event, demonstrating problem-solving skills and teamwork during First Year. Engaged in educational workshops, like Docker, to expand knowledge and stay updated with emerging technologies.

Python Proficiency: HackerRank Gold Badge

Recognized with a distinguished gold badge in Python on HackerRank, reflecting exceptional proficiency and mastery in the language. Demonstrated a high level of competence through solving complex coding challenges and efficiently implementing Python solutions.

Successfully Tackled picoCTF Challenges

Demonstrating my technical prowess, I actively engaged in the picoCTF platform, solving a variety of challenges and accumulating a notable number of points. Through my persistence and problem-solving skills, I overcame complex cybersecurity tasks, strengthening my understanding of different attack vectors and defense strategies.

Accomplished TryHackMe Rooms

With a thirst for continuous learning, I conquered numerous TryHackMe rooms, each designed to test and enhance practical cybersecurity skills. By successfully navigating these rooms, I not only gained hands-on experience in real-world scenarios but also solidified my expertise in areas such as penetration testing, network security, and vulnerability analysis. Moreover, my progression to higher-level rooms highlights my consistent growth and dedication in mastering the field.