Darshan Soni

Pune, Maharashtra | sonidarshan200@gmail.com | +91 9309715577 | darry1968.github.io/Portfolio/

linkedin.com/in/darshan-soni-0759a722a/ | github.com/Darry1968

Summary

Passionate cybersecurity enthusiast with **hands-on experience in web application penetration testing** and a knack for identifying and mitigating cyber threats. Skilled in Python, OWASP, and tools like Burp Suite and Nmap, I thrive on real-world challenges, actively engaging in Capture the Flag competitions and innovative projects. Always eager to learn, I stay updated with the latest trends in the tech and cyber landscape.

Experience

CTF CO-Lead, nCreeps – Pune   Oct 2022 – Present

- Provided cybersecurity solutions, spread awareness, and excelled in CTF competitions, boosting the team's national and international reputation and contributing to its success.
- Played in and developed CTF challenges for shunyaCTF, enhancing participants' cybersecurity skills, improving event quality, and attracting a wider audience.

Tech Lead, MIT CBC club – Pune, WA   Oct 2022 – Present

- Organized and hosted sessions on cybersecurity and CTFs, educating participants and strengthening the community's capabilities and ongoing development.

Projects

Vending Machine using RaspberryPi   Darry1968/Vending-machine

- Developed the backend for a milk vending machine that operates on a Raspberry Pi and connects to a mobile application via Bluetooth. **This was a paid project for a company called eVerse.AI**. The project allows users to obtain milk according to their requirements by providing input through the mobile application.
- Tools Used: Raspberry PI, PIR sensors, sterier motor , water pump, relays, Python and it's modules like RPi.GPIO, bluetooth etc.

CipherX   Darry1968/cipherx

- Developed a cipher identifier website, allowing users to analyze the different type of ciphers and decode the ciphertext.
- Tools Used: Python, flask, HTML, CSS

ARGUS   Darry1968/ARGUS

- Developed an API vulnerability scanner called ARGUS which scans for API related vulnerabilities from OWASP API top 10 and create a report of all the findings, allowing user to look for vulnerabilities by simply supplying URL as an input.
- Tools Used: Python, and it's modules like requests, base64 etc.

AI voice assistant   Darry1968/voice-assistant

- Developed a basic AI voice assistant that can perform tasks based on user voice commands. It is customizable, allowing users to complete simple tasks using this assistant.
- Tools Used: Python and it's modules like speech recognition, tkinter etc.

Education

MIT ADT University, Pune(Maharashtra)   Aug 2021 - May 2025
B. Tech in Computer Science and Engineering, specialized in Cybersecurity and forensics

- CGPA: 8.61/10.0

Nowrosjee Wadia College, Pune(Maharashtra)   May 2019 - Jun 2021
High School

Technologies

Languages: HTML, CSS, Bash, C++, C, Java, PHP, Python, SQL, MongoDB.

Frameworks: Flask, Bootstrap, WordPress.

Developer Tools: Git, Docker, VS code, Postman.

Security Tools: BurpSuite, Wireshark, Nmap

Certificates

Google Cybersecurity Professional Certificate   **Google, Coursera**

- Learnt about security mindset, tools like WireShark, Python, SQL, SIEM, IDS, networking concepts and different security compliances in-depth.

Career Essentials in Cybersecurity   **Microsoft and LinkedIn**

- Learnt about CIA, NIST Framework, Shadow IT, Detecting and managing cybersecurity incidents, and staying up-to-date in tech world.

ShunyaCTF Organizer   **nCreeps**

- ShunyaCTF is a Capture The Flag competition hosted by nCreeps in which I developed challenges for Web exploitation category.

Nmap security scanning   **LinkedIn**

- Learnt about nmap, different flags of nmap, host discovery, port scanning, Nmap scripting engine in depth.

Embedded Security CTF 2022   **IIT Madras**

- We participated in an Embedded Security Capture The Flag (CTF) competition and achieved an impressive rank of 26 out of 500 teams. The event tested our skills in securing embedded systems and understanding vulnerabilities in software.

Additional Experience

Speaker of a session: Explained Different domains of Cybersecurity and CTFs.

CTF Player/Developer: We develop CTF challenges for our ShunyaCTF and participate in multiple national and international CTFs.

Vishwa CTF winner: Rank 9th out of 150 teams