Darshan Soni

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Objective

Cybersecurity enthusiast with extensive knowledge in **web application security, active directory, GRC**, and tools like **Burp Suite, SIEM** and **Nmap**. Eager to contribute to building and maintaining secure, resilient systems while driving continuous improvement in organizational security practices.

Experience

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

- Led the team to achieve national and international recognition, improving the team rank to AIR 12 in multiple CTF competitions.
- Designed and developed custom challenges for ShunyaCTF, enhancing the learning experience for more than 500+ participants in the Web Exploitation category.

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

- Organized and hosted 5+ sessions on cybersecurity and CTFs, engaged more than 150+ participants, and fostering a thriving cybersecurity community.
- Specifically, initiatives were launched to educate participants on advanced cybersecurity topics, improving their technical proficiency.

Projects

Vending Machine using RaspberryPi   Darry1968/Vending-machine

- Developed the back-end for a milk vending machine that runs on a Raspberry Pi and connects to a mobile application via Bluetooth.
- **Tools Used:** RaspberryPi, PIR sensors, Python, RPi.GPIO, bluetooth

CipherX   Darry1968/cipherx

- Developed a **cipher identifier website**, allowing users to analyze the different types of cipher and decode it.
- **Language Used:** Python, flask, HTML, CSS, Javascript

ARGUS   Darry1968/ARGUS

- Developed an API scanner and website that detects OWASP Top 10 API vulnerabilities and generates reports from a URL input.
- **Language Used:** Python, argparse, Crypto, requests, base64, flask, etc.

Garuda   Darry1968/Port-scanner

- Developed a multithreaded port scanning tool using PowerShell to efficiently detect open and closed ports over a specified range.
- Utilized features like ForEach-Object Parallel for concurrent processing, optimizing scan speed.
- **Language Used:** PowerShell scripting.

Education

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

- CGPA: 8.65

Nowrosjee Wadia Junior college, Pune(Maharashtra)   2019 - 2021
High School

- Percentage: 87.60

Technologies

Languages: Bash, Python, C++, C, PHP, SQL, HTML, CSS, Javascript, PowerShell scripting.
Security Standards: NIST CSF, IEC 62443, CIS controls.
Developer Tools: Git, Docker, VS code, Postman.
Cybersecurity Tools: BurpSuite, Wireshark, Nmap, Tcpdump, Metasploit.

Certificates

Google Cybersecurity Professional Certificate   Google, Coursera
- In-depth learning about security mindset, tools such as WireShark, Python, SQL, SIEM, IDS, networking concepts, and different security compliances.

Career Essentials in Cybersecurity   Microsoft and LinkedIn
- Learned about the CIA, NIST framework, Shadow IT, Detecting and managing cybersecurity incidents, and staying up-to-date on the tech world.

Cisco Certified Support Technician Cybersecurity   CISCO
- Gained foundational knowledge in network security, access control, security operations, and common attack vectors.

Embedded Security CTF 2022   IIT Madras
- Participated in an Embedded Security Capture The Flag (CTF) competition and achieved an impressive rank of 26 out of 500 teams.

CPA: Programming Essentials in C++   Cisco Networking Academy
- Gained a foundational knowledge of C++ programming, covering essential concepts such as object-oriented programming, algorithms, and problem-solving techniques.

Achievements

CTF Ranking: nCreeps CTF team holds a rank of AIR 7.
Speaker of Blackout: Explained Different domains of cybersecurity and CTFs.
CTF experience: Hosted a national level CTF event called ShunyaCTF.
Vishwa CTF winner: Rank 9th out of 150 teams