

M.S.Tahameer

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SKILLS

- **Languages:** Shell Scripting, PHP, SQL, HTML, CSS.
- **Cybersecurity:** Nmap, Nessus, ZAP Proxy, Burp Suite, Google Dorking, USB Rubber Ducky, Phishing Tactics.
- **Networking:** VLANs, VTP, DHCP, Cisco Packet Tracer, Routing, LAN/WAN.
- **Tools:** Kali Linux, Putty, Wireshark, Docker, Selenium, VirusTotal API, Burp Suite, etc.
- **Soft Skills:** Leadership, Public Speaking, Communication, Planning.

PROFESSIONAL EXPERIENCE

Cybersecurity & Networking Intern | DRDO - DRDL | Hyderabad, India

April 2024 – July 2024

- Configured and managed VLANs, VTP, and DHCP across a secured network environment.
- Conducted vulnerability scans on **100+ devices** using **Nmap** and **Nessus**, identifying and reporting 3+ critical risks.
- Developed **automation shell scripts** to streamline network tasks, saving hours of manual effort weekly.
- Performed threat **reconnaissance** via **Google Dorking** and ensured secure access via **Putty-based remote management**.

PROJECTS

Bad USB | USB Rubber Ducky with Digispark

August 2024 – September 2024

- Crafted custom payloads in **Ducky Script** to extract saved **Wi-Fi credentials** from target machines.
- Used **Digispark ATtiny85** to simulate keystrokes and execute malicious scripts upon device insertion.
- Implemented **webhook-based data exfiltration**, enabling credential retrieval within 10–15 seconds.
- Demonstrated how insecure auto-run systems are vulnerable to **USB-based keystroke injection attacks**.
- Showcased at **college-level** cybersecurity workshops for awareness on physical attack vectors.

AI-Powered Phishing Email Classifier

Feb 2025 – March 2025

- Built and fine-tuned an ML classifier to detect **phishing emails** based on **URLs, headers, and message content**.
- Created a dataset from **mock phishing websites** and real-world phishing campaigns, improving detection realism.
- Used techniques like tokenization, stopword filtering, and feature engineering for model accuracy.
- Integrated with a logging system to track **timestamp, IP address**, and behavior of phishing payloads.
- Achieved improved **detection precision** by iterative testing on updated phishing tactics.

ESP8266 Wi-Fi Deauthentication and Evil-Twin Attacker

March 2025 – April 2025

- Programmed an **ESP8266 microchip** to launch **Deauthentication attacks** on vulnerable Wi-Fi networks.
- Simulated **Evil Twin Access Points** to trick clients into connecting, enabling credential harvesting.
- Studied effects on open and weakly secured networks in **IoT** environments for academic research.
- Explored **packet sniffing** and **injection techniques** using tools like Wireshark and ESP8266 libraries.
- Used this setup to demonstrate the **importance of encryption** and MAC address filtering in Wi-Fi networks.

Secure URL Scanner (Linux Terminal Tool)

May 2025 – June 2025

- Developed a fully containerized CLI tool using **Docker** to ensure isolated and safe URL analysis.
- Integrated with **Google Safe Browsing** API and **VirusTotal** API for reputation checking across 60+ AV engines.
- Performed **SSL certificate inspection, redirect detection, and IP geolocation** for comprehensive risk analysis.
- Used Selenium and BeautifulSoup to automate web page scraping and **screenshot capture** for visual inspection.
- Outputs structured JSON reports and screenshots for further forensic investigation.

CERTIFICATES

- **Introduction to Cybersecurity** – Cisco Networking Academy (Nov 2023)
- **Introduction to Cisco Packet Tracer** – Cisco Networking Academy (Sep 2024)
- **RDBMS PostgreSQL Training** – Spoken Tutorial (Jul 2024)
- **Mastercard Cybersecurity Job Simulation** – Forage (Jul 2024)
- **Mastering Social Engineering Tactics with PHP: Ethical Defence Strategies** – Cyber Yodha (March 2025)

ACHIEVEMENTS

- **Top 10% Globally** on TryHackMe solved 50+ Rooms.
- **CTF Player - 1st** CTF Reached **13 Spot Globally** in Industrial-Intrusion CTF On TryHackMe.
- **General Secretary** at X-Kernel GRIET Club.
- **Trained Horse Rider** – Indian Military Academy, Dehradun, UK.
- **2nd Place** – **Football**, Legacy '23 Sports Meet.

EDUCATION

Gokaraju Rangaraju Institute of Engineering and Technology

Nov 2022 – July 2026

Bachelor of Technology – Information Technology

Hyderabad, India

CGPA – 7.8

Diploma in Cybersecurity – Cyber Yodha

Jan 2025 – Jan 2026

KV FRI, Dehradun

April 2020 – March 2022

12th with Science–Percentage: 76%

KV Picket, Hyderabad

April 2019 – March 2020

10th with Science–Percentage: 74%