

THARIDU NIROSHAN



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PROFILE SUMMARY

I am a dedicated, responsible and hardworking individual who wishes to utilise my skills, knowledge and experience to contribute to the company's goals as a versatile team player. With a positive attitude, effective communication skills and a willingness to take on challenges, I am passionate about Cyber Security Engineering, ethical hacking, bug bounty programs, and red team engagements, and Penetration Testing.

TECHNICAL SKILLS

- **Programming Languages:** Python, Ruby, C++, SQL
- **Cyber Security:** Ethical hacking, Bug bounty programs, Red team engagements, Penetration testing, Network security, Security assessments, Vulnerability management, Threat modeling, Incident response, Secure coding practices
- **Hacking Tools:** nmap, nikto, wifite, aircrack-ng, Wireshark, bettercap, ettercap, Frida, sqlmap, Metasploit, Burp Suite, Nessus, John the Ripper, Hydra, Maltego
- **Technologies/Frameworks:** Linux/Kali Linux, Git and GitHub, Jira, Docker, Splunk, SIEM (Security Information and Event Management) systems
- **Networking and Virtualization:** Cisco routers, IP addressing (IPv4/IPv6), VLANs, Network Topologies, Routing Protocols (static and dynamic), VMware ESXi, Hyper-V, V-Motion, Microsoft Servers (2016, 2019, 2022)
- **Server and Cloud Management:** PDC, RAST, DHCP, DNS, IIS, SCCM, Exchange Mail Server, VPN, Backup Servers, Azure Cloud, Microsoft 365, Office 365
- **Linux and Open Source:** Kali Linux, Wireshark, Nmap, Sophos, Fortinet firewalls, endpoint management
- **Additional Skills:** Secure software development, Digital forensics, Risk Assessment and Management, Policy and Procedure Implementation, Cyber Security Awareness and Training, Cyber Security Key Performance Indicators (KPIs) Establishment, Project Participation in Cyber Security

ACADEMIC QUALIFICATION

University of Moratuwa (ITUM)

An Undergraduate in Information Technology

Sri Lanka
2022-PRESENT

Dharmadutha National School

Passed the GCE Advanced Level Examination (Maths Stream)

Badulla, Sri Lanka
Feb. 2018 – Dec. 2020

CERTIFICATES

CC – Certified in Cybersecurity - *(Ongoing)*

Offered by isc2

Cisco Certified Network Associate (CCNA) - *(Ongoing)*

Offered by Cisco

Network Administration with Security - DNA - *(Ongoing)*

Offered by VTC - Dehiwala

Android Bug Bounty Hunting: Hunt Like a Rat -

Offered by EC-Council

SQL Injection Attacks -

Offered by EC-Council

Introduction to Dark Web, Anonymity, and Cryptocurrency -

Offered by EC-Council

PROJECT EXPERIENCE

Tracking-phone-number-location - *Python*

June 2024

- **Description:**

- Developed a Python application to track the location of phone numbers. The project utilizes various APIs and Python libraries to fetch and display the geographical location associated with a given phone number.

- **Key Features:**

- User-friendly interface for entering and retrieving phone number information.
- Implementation of data validation and error handling mechanisms.

Python Keylogger - *Python, (pynput, smtplib)*

May 2024

- **Description:**

- Developed a Python-based keylogger application for educational purposes and personal use. The keylogger captures keyboard inputs and logs them to a file, demonstrating knowledge of low-level system interactions and event handling in Python.

- **Key Features:**

- Local storage of logs, optional email forwarding, background operation.

Hotel Management System - *C++*

April 2024

- **Description:**

- Developed a comprehensive hotel management system to streamline the operations of hotel administration. The system manages room bookings, guest information, billing, and staff assignments efficiently.

- **Key Features:**

- User-friendly interface for managing room reservations and cancellations.
- Automated billing and invoice generation.
- Detailed record-keeping for guest information and stay history.

STRENGTHS

Critical Thinking and Problem Solving — Teamwork — Leadership — Adaptability — Attention to Detail — Collaboration — Self-motivated learner — Excellent communication skills

INTERESTS

Cyber Security — Ethical Hacking — Bug Bounty Programs — Red Team engagements
Penetration Testing — Network Security — Virtualization — Server Management — Microsoft Servers
Networking — Cisco Routers Switches — IP Addressing — Routing Protocols
Linux Administration — Open-Source Security Tools — Digital Forensics

SOCIETIES

Computer society (ITUM)

Gavel club of ITUM

Rotaract club of UOM)

Robotics club of ITUM

REFERENCESES

Available upon request