

# THARIDU NIROSHAN



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## PROFILE SUMMARY

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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

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- **Programming Languages:** Python, Ruby, C++, HTML/CSS, SQL, JavaScript
- **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
- **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

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### 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

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### 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

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### 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.

### Website-for-Resturent - *PHP , CSS , SQL*

Feb 2024

- **Description:**
  - Developed a responsive website for a restaurant to enhance online presence and customer engagement. The website showcases menu items, allows online reservations, and provides information about the restaurant's location and opening hours.
- **Key Features:**
  - Interactive menu with descriptions and pricing.
  - Online reservation system with date and time selection.
  - Detailed record-keeping for guest information and stay history.

## STRENGTHS

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

## INTERESTS

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Cyber Security — Ethical Hacking — Bug Bounty Programs — Red Team engagements  
Software Engineering — Penetration Testing

## SOCIETIES

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Computer society (ITUM)

Gavel club of ITUM

Rotaract club of UOM)

Robotics club of ITUM

## REFERENCESES

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Available upon request