KIRULA NANAYAKKARA

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PROFESSIONAL SUMMARY

I am an ambitious undergraduate pursuing a B.Sc (Hons) in IT (Cyber Security) at SLIIT and a B.Sc in Physical Science (Computer Science) at the University of Sri Jayewardenepura. With a six-month internship in IT Infrastructure and Networking at N-able Pvt Ltd, I have solid hands-on experience. I hold certifications in CC, Fortinet, and Cisco, validating my network security skills. Seeking a role as a Network Security Engineer, I am passionate about safeguarding IT infrastructures. Known for my analytical thinking and problem-solving abilities, I am committed to continuous learning and professional excellence..

WORK SUMMARY

IT Infrastructure and Networking Intern: 05/2023 – 12/23

N-able Private Limited – Colombo 01, Sri Lanka

- Understand key networking technologies & practical approach in deployment of small, medium & large network & DC infrastructures.
- Assist in supporting deployments of network & DC infrastructures including developing & deploying networking & security standards.
- Assist in supporting deployments of end-to-end Wireless networks.
- Assist in resolving network incidents affecting day to day business operations of customer networks & DC infrastructures.
- Liaise with vendors and other IT personnel for problem resolution.
- Help in defining and maintaining technology documentation.
- Product & Technology Expertise:
    Cisco Networking (Catalyst Switches),Cisco Meraki (MR/MS).
- Key Learnings: CCNA theories on real world deployments.

EDUCATION

B.Sc. (Hons) in Information Technology: Cyber Security, Expected in 01/2025

Sri Lanka Institute of Information Technology - Malabe

B.Sc Physical Science : Computer Science, Expected in 01/2025

University of Sri Jayewardenepura- Sri Lanka

Advance Level: Physical Science Stream, 12/2020

Royal College - Colombo 07

Index no: **1109957 | Z-Score - 1.2727**

SKILLS

- Cybersecurity Frameworks
- Case Analyzation
- Computational Tools
- Vulnerability Management
- Mathematical Computation
- Linux
- Microsoft SQL
- C
- JAVA
- Critical Thinking

PROJECTS

Backdoor Command Execution Vulnerability Project - VSFTPD v2.3.4

One of my recent projects involved identifying and exploiting a vulnerability in the VSFTPD v2.3.4 software using the Metasploit framework. Through this project, I not only gained hands-on experience with penetration testing techniques but also deepened my understanding of the underlying C socket programming code and how bugs can lead to potential security vulnerabilities. I was able to successfully execute a backdoor command on the system, showcasing my ability to identify and exploit security weaknesses in software.

Library Management System

A group project at University, where I developed a Library Management System. I was responsible for implementing CRUD operations and managing the SQL database aspect of the project. I also worked with technologies such as HTML, PHP, JavaScript and more. This project not only helped me develop my technical skills but also taught me the importance of teamwork and communication. I was able to develop a real-world application that could improve the efficiency of managing a library, and had the opportunity to work with different functionalities such as creating, reading, updating and deleting books, members, and transactions.

CERTIFICATION

- **Certified in Cybersecurity (CC)**
  (ISC)²
- **Fortinet Certified Associate Cybersecurity**
  Fortinet
- **AI/ML Engineer – Stage 1 & 2**
  SLIIT
- **Junior Cybersecurity Analyst Career Path**
  Cisco Networking Academy
- **Foundation Level Threat intelligence Analyst**
  arcX
- **Cybersecurity Essentials**
  Cisco Networking Academy
- **SQL (Intermediate)**
  HackerRank
- **Introduction to IoT**
  Cisco Networking Academy
- **Networking Essentials**
  Cisco Networking Academy
- **Introduction to Packet Tracer**
  Cisco Networking Academy

Website, Portfolio, Profiles

- www.linkedin.com/in/kirula-nanayakkara/
- www.tryhackme.com/p/kirula123
- www.github.com/kirula0626

Non-Related Referees

Dr. Harinda

Sahadeva Fernando, BBIT (Hons), PhD,

FHEA | SMIEEE | MIET

Senior Lecturer (HG)

SLIIT, Malabe Campus, Sri Lanka.

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Amila Senarathne

Head - Industry Engagement Unit

Senior Lecturer - Department of Computer Systems Engineering

Manager - SLIIT CISCO Academy

Faculty of Computing

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