

RATHAKRISHNAN NAGILAN

Software Engineering Undergraduate & Network Security Specialist

+94740669124 | rknagilan456@gmail.com | Nuwara Eliya, Hatton, Sri Lanka
linkedin.com/in/rknagilan | rknagilan.blogspot.com

PROFESSIONAL SUMMARY

Passionate Software Engineering Undergraduate and dedicated Network Security Specialist with a strong foundation in network infrastructure and cybersecurity. Experienced in configuring Cisco devices, network defense, and vulnerability scanning. Currently pursuing a Level 5 Pearson BTEC HND in Computing (Software Engineering) at ESOF Metro Campus and enhancing networking expertise through the CCIE certification. Dedicated to maintaining secure network infrastructures and developing efficient software solutions.

WORK EXPERIENCE

Trainee Network Administrator

Active Tech Networks (ATN Campus) — Colombo 06 | 2023 – 2024

- Configured and managed Cisco switches and routers, ensuring optimal network performance and security.
- Implemented VLAN configurations to enhance network segmentation and security.
- Conducted vulnerability scanning and penetration testing using Burp Suite to identify and mitigate security threats.
- Provided technical support and troubleshooting for network-related issues, utilizing PuTTY and SSH for remote access.
- Collaborated with cross-functional teams to design and implement load-balancing solutions.

EDUCATION

Level 5 Pearson BTEC HND in Computing (Software Engineering)

Ongoing

ESOF Metro Campus

GCE Advanced Level (A/L)

2020 – 2022

St. Mary's College

GCE Ordinary Level (O/L)

2019

CP/HZ/Fetteresso Tamil Vidyalayam

TECHNICAL SKILLS

Routing & Switching	BGP, OSPF, EIGRP, HSRP, IPsec VPNs, QoS, VLAN, Load Balancing
Security	Network Defense, Vulnerability Scanning (Burp Suite), Penetration Testing, Ethical Hacking
Systems & OS	Windows Server, VMware Workstation, Kali Linux, Microsoft SQL Server
Admin Tools	PuTTY, SSH, Remote Access & Management

CERTIFICATIONS

- Cisco Certified Internetwork Expert (CCIE) [\[In Progress\]](#)
- Cisco Certified Network Professional (CCNP) [\[Cisco\]](#)
- Cisco Certified Network Associate (CCNA) [\[Cisco\]](#)
- Cisco Certified Entry Network Technician (CCENT) [\[Cisco\]](#)
- Certificate in Ethical Hacking (CEH)
- Certificate in Linux Fundamentals
- AWS Fundamentals: Cloud Technical Essentials, Migrating to AWS Cloud, Architecting Solutions [\[Coursera\]](#)
- Introduction to Cybersecurity, Networking Basics, Network Support and Security [\[Cisco Networking Academy\]](#)