

Aawan Adhikari

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Summary

A genuine IT professional with hands-on experience supporting network connectivity, troubleshooting authentication issues, and deploying secure virtual infrastructure. Experienced in field-based IT setup including routers, switches, hardware installation, and small office networking. Skilled in Windows Server administration, Active Directory, Azure, and Linux environments. Completed IoT capstone project involving sensor integration and cyber-attack simulation. Also experienced in problem-solving and customer support built through 3+ years of Fast food and disability care service roles. Looking to demonstrate technical skills in real world environment..

Experiences**Casual Research Worker**

CQUniversity, Australia | 2025

- Designed and deployed a secure multi-VM architecture in Microsoft Azure, including Domain Controller, Linux Web Server (Ubuntu), and Exchange Mail Server.
- Provided technical support for connectivity issues across multi-VM network setups and resolved routing and DNS failures through analysis and troubleshooting.
- Configured internal networking components, including firewall rules and access controls, to ensure reliable availability and secure communication between VMs.
- Configured Azure Virtual Network and subnet segmentation, implemented internal routing, and resolved connectivity issues using firewall rules, NSG configuration, and static internal IP assignments.
- Deployed Apache Web Server on Ubuntu 24.04 and verified service accessibility across internal network environments.
- Secured the internal website by enabling HTTPS and configuring a self-signed SSL certificate.
- Implemented port-based access control, created and enforced inbound/outbound network traffic rules using Azure NSG policies.

Casual IT Support (Office Setup)

Right2Care, Australia | 2024

- Conducted field-based installation and setup of networking equipment including routers, switches, wireless access points and end-user devices.
- Helped in developing and maintaining the company website.
- Gained hands-on experience with hardware setup, Office 365 setup, connectivity troubleshooting, and small office networking.
- Worked alongside staff to ensure systems were ready for operational use.

Disability Support Worker

Right2Care, Australia | 2023 – Present

- Delivered high-quality care and support to disabled clients
- Developed strong English communication and interpersonal skills
- Demonstrated reliability, responsibility, and the ability to work in a team
- Handled tasks with attention to detail and maintained accurate records
- Experience working under pressure in fast-paced environments
- Assisted with daily living support for clients with dementia and other disorders.

Academic Projects

Capstone Project – IoT Security and Network Monitoring

- Designed a local mesh network using routers and switches
- Connected IoT devices to Raspberry Pi for real-world simulation
- Configured **Snort** to monitor traffic and detect intrusions
- Implemented Networking and Cybersecurity protocols
- Simulated common cyberattacks including:
 - ARP Spoofing
 - DDoS (Distributed Denial of Service)
- Visualized IoT traffic and logs using **Node-RED**
- Gained practical experience in:
 - Cybersecurity principles

- Network configuration and monitoring
- Hands-on troubleshooting and system analysis
- Providing MSP-style monitoring and response

Other Projects

- Volunteered in Junior Robotics Competition by configuring robots to engage and play.
 - Created Python scripts demonstrating encryption and decryption techniques
 - Developed static websites using **HTML, CSS, and JavaScript**.
 - Built and queried relational databases using **MySQL Workbench**.
 - Developed a client-server virtual network for resource sharing.
 - Familiar with remote monitoring concepts and endpoint protection.
 - Set up and managed virtual servers for sandboxed and isolated testing environments
 - Practiced version control and collaboration using **GitHub**
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Education

Bachelor's in information technology (Cyber Security)

Central Queensland University, Rockhampton, Australia | 2022 – 2025

High School (Grade 12)

Fluorescent Secondary School, Kathmandu, Nepal | 2021

Skill Highlights

Microsoft 365, Google Workspace, Microsoft Office Suite

Operating Systems: Windows Desktop, Windows Server

IT Support: Basic Troubleshooting of Hardware and software, end-user assistance.

POS/EFTPOS system: Practical knowledge from fast-paced food service environment.

Cybersecurity: ARP Spoofing, DDoS, IDS tools like Snort

Networking: Basic configuration of routers, switches, firewall rules

Server and virtualization: Virtual Machine, Active Directory Basics

Hardware: Setup of PCs, laptops, printers, peripherals

Languages & Tools: Python, Java, HTML, CSS, MySQL, GitHub

Soft Skills: Customer service, clear communication with non-technical users, problem-solving, adaptability

Other: P2 Australian Driver's Licence

Certifications

COMPTIA TECH+ Issued by COMPTIA

Microsoft 365 certified: Fundamentals (MS-900)

COMPTIA Security+: In progress

First Aid and CPR

Languages

- English – Proficient
- Nepali – Native
- Hindi – Proficient

References

Available on request