

Yasiru Dineth Jayawardhana

System Engineer | Linux & Windows Enthusiast | Infrastructure Engineer

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• [LinkedIn](#) • [GitHub](#) • [Microsoft learn](#)

PROFESSIONAL SUMMARY

I am an undergraduate following the Bachelor of Information and Communication Technology (Honours) at the University of Colombo. passionate about Linux/Windows systems engineering, networking, and cloud computing (AZURE/AWS).

EDUCATION

Bachelor of Information and Communication Technology (Honours)

2022 — Present

University of Colombo – Faculty of Technology

Diploma in Computer Networking & Security Technology Technician

2025/7— Present

Vocational Training Centre –Dehiwala

PROFESSIONAL QUALIFICATIONS

- Microsoft Certified: Azure Fundamentals(AZ-900)-*Issued by Microsoft, Nov 2025*
- Completed LFS101: Introduction to Linux-*Issued by Linux Foundation 2025*
- Completed Linux Training Course to Get Your Dream IT Job 2025 course by *Imran Afzal on Udemy*

TECHNICAL SKILLS

Windows Server & Directory Services Administration

- Configuring & Troubleshooting AD DS (Windows Server 2016 / 2019 / 2022/2025)
- DHCP, DNS, IIS, FSRM, WDS, WSUS, VPN & Backup Server configuration and maintenance
- Installing, configuring & maintaining Additional Domain Controllers

Linux Systems & Infrastructure Administration

- Ubuntu & CentOS installation, hardening, and system configuration
- DHCP, DNS, Web Server & Proxy Server Configuration
- Bash & Shell Scripting
- User and permission management, SSH configuration, and service monitoring
- Firewall management & basic security hardening
- Log monitoring, package management, troubleshooting and backup processes

Networking

- Network Cabling, Cisco Packet Tracer
- LAN/WAN concepts, IP addressing, static & dynamic routing (lab-level)

Virtualization & Lab Environment

- Oracle Virtual Box & VMware Workstation
- Configuring virtual networks (NAT, Bridged, Host-Only, Internal)
- Creating isolated lab environments (Windows/Linux)
- snapshots, cloning, resource allocation, and optimization, Troubleshooting

Programming languages

- Python
- Sql

Cloud Technologies

- Microsoft Azure (VMs, Storage, VNet, NSG, Monitoring)
- Docker
- AWS (EC2, IAM, S3, VPC basics)
- Kubernetes

SOFT SKILLS

- Problem Solving & Analytical Thinking
- Adaptability & Fast Learning
- Team Collaboration
- Creativity & Innovation

PROJECTS

Windows Server 2022 Domain Infrastructure Deployment ([link](#))

- Deployed Windows Server 2022 with AD DS, DNS, and DHCP in VMware Workstation
- Joined client PCs to the domain and applied key Group Policies (GPOs)
- Implemented Additional Domain Controller (ADC) for redundancy
- Configured IIS Server and host a website in IIS Server and Troubleshooted the issues

Secure Private Linux Environment with DNS/DHCP Services and Internal Web Application

Hosting ([link1](#)) ([link2](#))

- Built a fully offline, isolated internal network using Ubuntu Server & Desktop VMs inside Oracle VirtualBox
- Configured BIND9 DNS
- Set up ISC-DHCP for automated IP allocation
- Deployed an Nginx web server on Ubuntu Server and hosted a site accessible locally
- Ensured all DHCP clients can access the site via both domain name & static IP

University News Mobile app ([link](#))

- Tech Stack: Java, XML, Android Studio, Firebase

Internship Management system([link](#))

- Tech Stack: React, Express.js, MongoDB, Tailwind CSS

Library Management system([link](#))

- Tech Stack: HTML, CSS, PHP and SQL

References

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