



NITHIS DEEDANKOR

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ABOUT ME

Computer Engineering student with hands-on experience in building and securing robust network infrastructure. Skilled in deploying and managing virtual firewalls (pfSense), configuring routing and switching protocols, implementing VLAN segmentation, and establishing secure VPN tunnels (WireGuard). Seeking a role focused on network security or infrastructure development.

EXPERIENCES

Wide Area Network (WAN) & Campus Infrastructure Design (packet tracer) February 2024

- Designed and implemented a three-layer network for ABC University across three campuses, focusing on VLAN segmentation, redundancy, and security protocols like Access Control, IPsec, and Firewalls.

Network Firewall and Security (pfSense and Syslog-NG) July 2024

- Configured and applied pfSense as a virtual firewall and router, including interface setup, DHCP configuration, traffic shaping, user authentication via a captive portal, and remote system logging using a Syslog-NG server.

Network Switching and Link Aggregation (EtherChannel) June 2025

- Configured and troubleshooted EtherChannel (Port Aggregation) on Cisco switches using both the Cisco proprietary PAgP and the open standard LACP to increase link redundancy and aggregate bandwidth.

Cisco Switching, Inter-VLAN Routing, and DHCP Services November 2025

- Configured Cisco routers for inter-VLAN routing (802.1Q trunking) and DHCP services on physical devices, verifying network segmentation on the access layer.

Secure VPN Tunnel Implementation (WireGuard) December 2025

- Deployed a secure WireGuard VPN by configuring key pairs, tunnel interfaces, NAT rules, and peer authentication for encrypted communication

EDUCATION

Associate Degree of Computer Engineering Department

May 2021 - March 2026

KOSEN-KMITL

- GPAX: 3.80

ADDITIONAL INFORMATION

- **Technical Skills:**
 - Programming Languages: Python, Shell script, C, C#, Dart, HTML, CSS, and JavaScript
 - Tools and Technologies: Visual Studio Code, Git, Linux CLI, MySQL, Xampp, Packet Tracer, Putty, Wireshark, Docker, Wireguard, and AWS cloud
- **Soft Skills:** Problem-Solving, Technical Documentation, Advanced Troubleshooting
- **Languages:** Thai (Native), English (Proficient), Japanese (Intermediate)
- **Certificates:** Introduction to Cybersecurity (CISCO) Mar 05, 2024