Muhammad Ardho Rantisy

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Summary

Computer Science student with MTCNA certification, preparing for CCNA and CCNP Enterprise certifications through the Cisco Networking Academy and various trainings. Designed and configured a Homelab networking project using OpenWRT and simulating a hub-and-spoke networks simulation, and previously expanded service licensing for an ISP company. Actively seeking a Network Engineering internship to apply these skills in a professional environment.

Experience

PT. ATLAS LINTAS INDONESIA (Atlindo)   *February 2025 – May 2025*

Sales Staff   *Karawang, Jawa Barat*

- Successfully secured the necessary licensing to extend the company's Wifi and Fiber Optic installation services into a new residential area, directly contributing to the company's market expansion.
- Conducted door-to-door sales and presentations to local residents, explaining the benefits and technical details of different internet service packages.
- Took the initiative to learn about the company's core network operations by observing the server room and holding regular discussions with the technical team about their use of MikroTik equipment.

Projects

Hub-and-Spoke Network Simulation | Cisco Packet Tracer   *April 2025*

- Designed and built a complete simulation of a corporate wide-area network, connecting a central headquarters to multiple warehouses and store branches.
- IP address planning and configuring routing protocols to ensure reliable communication across all sites.

Homelab Networking Project | OpenWRT   *July 2025*

- Configured a network of routers to dynamically exchange routing information using custom OpenWRT firmware image.
- Established an efficient network using a combination of SQM, DNS-Over-TLS, and Extroot configuration.

Education

University of Singaperbangsa Karawang   *August 2022 - Present*

Bachelor of Computer Science   *Karawang, Indonesia*

Courseworks: Network Management, Network Engineering, Cloud Computing, System Security, Operating Systems, Wireless Sensor Network

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Technical Skills

Languages: Python, Bash, C, C++, Java, Shell, Lua

Tools: Cisco Packet Tracer, GNS3, eNSP, Winbox, VirtualBox, VMWare, Qemu KVM, Docker, Proxmox, OpenWRT

Skills: OSPF, TCP/IP, LAN/WAN, IP Addressing & Subnetting, Virtualization, System Administration, System Security