ALFIANTO TEOFILUS BARA

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An enthusiastic and adaptable individual with a strong passion for technology and cybersecurity, specializing in network security, cloud computing, infrastructure management, and system administration. Skilled in managing Linux-based systems, designing secure and reliable network architectures, and maintaining scalable cloud environments. Dedicated to continuous learning, problem-solving, and delivering efficient, high-quality solutions in dynamic and challenging environments. Excels in teamwork, adaptability, and maintaining a proactive approach to achieving organizational goals.

Work Experiences

Multimedia, Big Data, and Cybersecurity Laboratory (MBC Lab), Telkom University - **Bandung, Indonesia**   Jun 2024 - Jun 2025

Practicum Treasurer & Tecknical Lab Assistant

MBC Lab is a research and practicum laboratory focused on multimedia application, big data analytics, and cybersecurity education within Telkom University.

Responbilities :

- Assisted in managing and maintaining laboratory infrastructure, ensuring equipment and systems were ready for practicum sessions.
- Instructured and guided students in hands-on lab sessions, covering topics related to networking and cybersecurity tools.
- Collaborated with lab coordinators to ensure smooth operation of practicum activities.
- Maintained clear and accurate documentation of lab resources and technical procedures.

Telkom Test House - PT Telkom Indonesia - **Bandung, Indonesia**   Jul 2024 - Aug 2024

Internship – Digital Communication Service (Infrastructure Documentation)

Test House is a facility under PT Telkom Indonesia that provides various testing services for telecommunication devices and network infrastructures.

Responbilities :

- Created internal tecknical documentation for lab equipment and testing procedures related to network infrastructure.
- Supported equipment inventory management, ensuring all devices were properly recorded.
- Assisted in organizing technical information to improve clarity and accessibility for internal teams.

Witel Makassar - PT Telkom Indonesia - **Makassar, Indonesia**   Jan 2020 - Mar 2020

Internship – Power Supply Technician

Witel Makassar is one of Telkom Indonesia's regional divisions, responsible for telecommunication infrastructure and service operations across Makassar and surrounding areas.

Responbilities :

- Assisted in the daily maintenance of UPS, rectifiers, and battery backup systems supporting telecom network infrastructure.
- Monitored and recorded key operational metrics, including voltage levels, temperature, and battery health.
- Supported emergency power response by assisting in generator startup and mobile generator deployment during outages.
- Learned and applied standard safety and operational protocols for telecom facilities.

Education Level

SMK Telkom Makassar - **Makassar, Indonesia**   Jul 2018 - Jun 2021

Senior High School High School Diploma, Telecommunication Transmission Engineering

- Specialized in fiber optics, microwave transmission, and basic networking systems.
- Completed industrial internship at PT Telkom Indonesia's Power Supply Division.
- Active member of Badminton Club.

Universitas Telkom - **Bandung, Indonesia**   Aug 2021 - Jul 2025

Bachelor Telecommunication Engineering

- Practicum Assistant at MBC (Multimedia, Big Data & Cybersecurity)
- Final Project: EEG Signal Stimulation and Analysis System in Video-Based Neuropsychology

Organisational Experience

Asterisk – Telecommunication Engineering Student Association - **Bandung, Indonesia**   Sep 2023 - Feb 2024

Logistics Division Staff

The Telecommunication Engineering Student Association (HMTT) is a student organization at Telkom University that supports students' aspirations, creativity, and academic development in the field of telecommunications engineering.

- Procured logistics materials required for the event.
- Coordinated distribution of supplies to relevant teams.
- Collaborated with other divisions to fulfill event needs on time.
- Maintained inventory records of all logistics items.
- Documented all incoming and outgoing logistics activities accurately

Skills, Achievements & Other Experience

- **Hard Skills**【✓】 (2023): Completed a Python programming course via Skilvul, covering data types, loops, conditionals, and basic functions.
- **Interest** 【✓】 (2024): Attended the Telkom Cyber Fest Summit Day 2024 at Telkom Landmark Tower, themed "Mastering What It Takes to Become Telkom Cyber Security Talent," featuring expert sessions by industry professionals.
- **Webinars Attended** 【✓】 (2024): Participated in a 3-day intensive cybersecurity bootcamp hosted by Telkom Indonesia and MBC Lab, focusing on security awareness, technical training, and industry readiness.
- **Interest** 【✓】 (2025): Completed a foundational Linux administration course with a focus on Red Hat systems.
- **Interest** 【✓】 (2025): Completed a specialized training focused on networking fundamentals, Docker, and containerization, conducted by Adaptive Network Laboratory.
- **Projects** 【✓】 (2025): Developed a Flutter-based application to visualize EEG brainwave data from the Muse S Gen 2 device, including CSV conversion and offline analysis features.
- **Personal Project** 【✓】 (2025): Deployed a static portfolio website on AWS EC2 using Apache on Linux. Configured DuckDNS, SSH, and port forwarding to ensure consistent domain access. Integrated Grafana, Prometheus, and Promtail for real-time server monitoring and log management.
- **Interest** 【✓】 (2025): Training Linux System Adiministrator (LSA) at the IDN Training Center.
- **Interest** 【✓】 (2025): Training Cisco Certified Network Assosiate (CCNA) at the IDN Training Center.