



DIBQA AQILA SALAM

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Fresh graduate of electrical engineering with GPA of 3.42. Highly motivated and passionate, with strong organizational and technical skills. Possess a strong academic background in telecommunications, including cellular communication systems, fiber optic installations, web programming, and similar telecommunications fields. Strong problem-solving, critical thinking. Proactive and self-driven, always seeking new challenges to enhance skills and make meaningful contributions. Seeking a challenging opportunity to utilize my skills and experience in a new working environment.

EDUCATION

POLITEKNIK NEGERI JAKARTA - Depok

September 2021 - October 2024

Associate's Degree in Electrical Engineering, Telecommunications Program

- **GPA:** 3,42/4,00
- **Relevant Courses:** Cellular Network Architecture, Cellular Communication Systems, Transmission Systems, Data Communication, Radio and Satellite Communication, Broadband Communication, Maintenance and Repair of Telecommunication Equipment, Telecommunications System Planning, Fiber Optic Network Installation, Antenna Design, Web and Database Programming, Internet of Things (IoT).

WORK EXPERIENCES

PT. DS3 (Datakom Strata Tiga)

August 2023 - December 2023

Fiber Optic | Internship

- Performed maintenance and repair of fiber optic cables and networks.
- Completed the relocation of aerial fiber optic cables to underground routes in collaboration with PT. Indonesia Comnet Plus.
- Conducted fiber optic splicing for broken cables.
- Proficient in using OTDR and OPM for fiber optic measurements.

TRAINING & CERTIFICATION

Internet of Things (IoT) Application Certification

September 2024

LSP Telekomunikasi Digital Indonesia

Key Topics: Testing IoT platform designs, Implementing IoT communication protocols in web- and mobile-based applications, Developing visual programs and web-based interfaces integrated with microcontrollers, Operating cloud-based IoT platforms and hybrid/on-premises IoT applications, Installing firmware on devices via Over-The-Air (OTA) methods, Deploying IoT applications for mobile and web-based environments.

ORGANIZATIONAL EXPERIENCES

GRASIA 2021 (Event Program)

August 2022 - October 2022

Public Relations Division

- Contacted and invited speakers aligned with the event's theme.
- Effectively communicated information to speakers and invited guests.
- Successfully invited over 100 guests and 11 speakers, with a total attendance of 160 guests.

CONNECTOR 2022 (Electro Orientation Program)

January 2023 - June 2023

Division Coordinator (PJK)

- Led a team of 13 members during program activities.
- Acted as a liaison between the committee and team members, ensuring smooth communication and execution of tasks.
- Fostered good communication among team members.
- Evaluated team members' performance for final assessments.

ELECTRICAL ENGINEERING STUDENT ASSOCIATION

September 2021 - August 2024

Member

- Represented the Telecommunication study program to mentor 2022 students.
- Voiced academic aspirations regarding lab, workshop, and classroom facilities.
- Actively participated in association-organized events.

SKILLS

- **Software Proficiency:** Microsoft Office (Microsoft Excel, Microsoft Power Point, Microsoft Word), Cisco Packet Tracer, Computer Studio Suite (CST), Wireshark, Autocad, SolidWorks, Eagle, Python, Radio Mobile Online, Arduino IDE, NI Multisim, Protel 99 SE, Mathlab, Atoll, Android Studio, Visual Studio Code, Kodular, Canva.
- **Language:** Indonesia (Native), English (TOEIC 740).
- **Technical Skills:** Fiber Optic Installation, Antenna Design, Cellular Network Topology Design, Telecommunication Equipment Maintenance, Quality of Service (QoS) Analysis, Web Programming, Internet of Things (IoT) Applications.