



Noel Riki Apryanto

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Medan, Indonesia

PROFILE

I am a Bachelor of Electrical Engineering graduate with experience in the design, testing, and installation of electrical systems. I possess strong analytical skills and expertise in power systems, control, and automation. Experienced in solar power plant (PLTS) development projects, as well as the use of Programmable Logic Controllers (PLC) and embedded systems. I am ready to contribute by providing efficient, safe, and standards-compliant technical solutions in various industrial applications and electrical projects.

WORK EXPERIENCE

Junior Engineer Intern, PT Syntek Otomasi Indonesia

06/2022 – 08/2022

- Creating a Project Monitoring Dashboard.
- Utilized S-Curve analysis to monitor project progress and ensure alignment between plans and actual outcomes. Successfully identified early deviations and implemented corrective actions that kept the project on schedule and within budget.
- Designed and developed a 286 kWp on-grid rooftop Solar Power Plant (PLTS) system at PT. Nichirin Indonesia. This project involved technical planning, component selection, and system integration to ensure efficient operation aligned with the company's energy needs.

Electrical Circuit Laboratory Assistant, DEL Institute of Technology

09/2022 – 11/2022

- Provide guidance and supervision to students on basic knowledge of electrical engineering laboratories.
- Assist students in conducting practical experiments with direct current (DC) and alternating current (AC) circuits.

Teaching Assistant for Basic Electronics Course, DEL Institute of Technology

09/2022 – 11/2022

- Provide guidance and supervision to students on basic knowledge of electrical engineering laboratories.
- Introducing laboratory instrumentation.
- Assisting students in conducting practical experiments using electronic components.
- Assisting students in completing final projects involving simple rectifier circuits.

EDUCATION

Del Institute of Technology, Laguboti, North Sumatera

Bachelor of Electrical Engineering

GPA: 3.16/4.00

ORGANIZATION EXPERIENCES

- **Majelis Permusyawaratan Mahasiswa (MPM) of Del Institute of Technology**
Chairman of Majelis Permusyawaratan Mahasiswa (MPM) of
Del Institute of Technology
10/2020 – 10/2021
- **Del Robotic Club (DRC) Of Del Institute of Technology**
Facilities and Infrastructure Coordinator
2020 – 2022
- **Majelis Permusyawaratan Mahasiswa (MPM) of Del Institute of Technology**
Member of the Higher Education, Student Affairs, and Youth Commission
2020 – 2021
- **Electrical Engineering Student Association of Del Institute of Technology**
Member of Community Service Division
2020 – 2021

ADDITIONAL

Technical Skills:

- C and Python Programming Language
- Industrial Internet of Things: Sensory Evaluation
- Embedded System, Advanced in Arduino, ESP32, ESP8266 and Atmega
- Networking Tool (Cisco Packet Tracer, Putty)
- Firmware Development, Visual Studio Code
- Virtualization (Virtual Box, VMWare)
- Programmable Logic Controller (PLC)

Language: Fluent in Indonesian; Sufficient in English

Certifications & Training:

- Introduction To Programmable Logic Controller (PLC) & Basic Programming,
OMRON | Aug 2022 | Certificate
No. SV000112P-03/OE-IX-23/1101
- Kontes Robot Indonesia
Pusat Prestasi Nasional (Puspresnas) | Sept 2020
Participant of Kontes Robot Pemadam Api Indonesia (KRPAI) in Kontes Robot
Indonesia (KRI) Regional Level 2020 organized by Puspresnas Kemendikbud in
collaboration with Bandung Institute Technology.
- National Student Indonesian Sustainable Campus Competition 2021
University of Lampung | Jul 2020
Participant in Written Ideas Competition in National Student Indonesian
Sustainable Campus Competition 2021 with the theme, "Implementation of
Greenmetric Concepts in Campus Management Sustainable in Indonesia".
- Kontes Robot Indonesia
Pusat Prestasi Nasional (Puspresnas) | Sept 2021
Participant of Kontes Robot SAR Indonesia (KRSRI) in Kontes Robot Indonesia (KRI)
Regional Level 2021 organized by Puspresnas Kemendikbud in collaboration with
Gadjah Mada University.