



MUHAMMAD RAIS

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Duri Kosambi, West Jakarta, 11750

Date of birth 8th February 2000.

Bachelor of Electrical Engineering. Active in organization, Have an interest in leading a group to achieve a common goal, interested in Public Speaking and Have a leadership spirit. Have a specialization in electric power and renewable energy, a person who likes to learn new things and is adaptable and able to work well in a team.

Work Experiences

PT Rekayasa Engineering - South Jakarta, Indonesia

Feb 2021 - May 2021

Internship/Electrical Department

Rekayasa Engineering can also provide Basic Engineering & Field Engineering, Front End Engineering Design (FEED), and EPC Services in a wide range of engineering services area, as follows : Oil & Gas, Geothermal & Power plant, Chemical & Petrochemical, Mining & Infrastructure, Agro industry and Other Industries

- Choose the optimal size of the power cable in accordance with the requirements stated in the Basic Electrical Design document for the Domestic Water Supply project, Star Energy Geothermal Darajat, Indonesia.
- Determine the total required power requirements and as a basis for determine capacity and select electrical equipment according to economical design for Domestic Water Supply Project, Star Energy Geothermal Darajat, Indonesia.
- Make a plan the development of the Domestic Water Supply Project, Star Energy Geothermal Darajat, Indonesia with Electrical Design Criteria.

CV Alrickindo Sarana Bersama - Bekasi, Indonesia

Nov 2020 - Jan 2021

Internship/Electrical

Companies engaged in the provision of goods and services for calibration and electrical.

- Calibrate measuring instruments for the naval headquarters of the material feasibility service.
- Procurement of purchases of goods for BINLAIKMATAL calibration of measuring instruments.

P3TEK KEBTKE - Bogor, Indonesia

Nov 2021 - Dec 2021

PV Engineer

P3tek KEBTKE as a Public Service Agency has services related to electricity technology, new, renewable energy, and energy conservation that can be used by the community.

- Lead manpower and supervise and coordinate between technicians.
- Lead the installation of solar panels, solar panel cables, junction boxes and inverters.
- Connecting PV cables (PV strings, junction boxes, inverters) ac cables from panel to panel in the building.

PT Wika Industri Energi - Jakarta, Indonesia

Jan 2022

Project Based Contract Supervisor

Become the company responsible for the installation of a solar power plant on the roof top of the Jakarta International Stadium

- Lead manpower, Supervise and coordinate between technicians.
- Lead the installation of solar panels, solar panel cables, junction boxes and inverters.
- Connecting PV cables (PV strings, junction boxes, inverters) ac cables from panel to panel in the building.

Education Level

Institut Teknologi PLN - West Jakarta, Indonesia

Aug 2017 - Nov 2021

Bachelor Degree in Electrical Engineering, 3.35/4.00

Organisational Experience

Executive Council of Student KBM IT-PLN - West Jakarta, Indonesia

Oct 2020 - Oct 2021

President

- Manage a team of approximately 100 people to carry out the main tasks and functions in each work program.
- Monitoring and evaluating all members regarding performance and work programs.
- Designing the organization's revenue and expenditure budget plan.
- Build relationships and a good image of the organization.
- Make structural plans, tasks and activities for 1 period.

All Indonesia Student Executive Board Alliance - Jakarta, Indonesia

Apr 2021 - Oct 2021

Media Coordinator

- Manage all social media accounts like Instagram and twitter.
- Manage photo, video and journalism design teams for documentation and publication of activities.
- Build good relationship with national and private media.
- Become a liaison to national media related to the publication of activities on TV, radio and other media.

Coordinator & Guide LKMM IT-PLN - West Jakarta, Indonesia
Learning Materials Division

Oct 2020 - Aug 2021

- Develop learning materials that are applied to approximately 4000 students.
- Develop a schedule of activities for each training.
- Become a managerial related speaker to approximately 4000 students.

Executive Council of Student KBM IT-PLN - West Jakarta, Indonesia
Ministry of Student Resource Development

Sep 2019 - Sep 2020

- Implement work programs related to student resource development.
- Manage the team to carry out the main tasks and functions in each work program.

Nyala Kebersamaan - Jakarta, Indonesia
Founder

May 2019 - Present

- Campaigning for SDGs to youth and society.
- Creating intellectual and creative content related to SDGs, especially on the quality of education and climate action.

New Student Admission Week Karisma 2019 - West Jakarta, Indonesia
Vice Chairman

Apr 2019 - Sep 2019

- Organize a team of approximately 120 people to doing the event.
- Manage the main tasks and functions of each member.
- Monitoring and evaluating all members related to performance and work programs.

Skills, Achievements & Other Experience

- **Soft Skills:** Leadership, Critical Thinking, Communication Skills, Product Presentation, Negotiation Skills, Public Speaking, Conflict Management Skills, Decision Making, Supervision Skills.
- **Hard Skills:** Photoshop, Microsoft Office, ETAP, Sony Vegas Pro, PLC.
- **Certification** (2021): English Proficiency Test With Score 477
- **Certification** (2018): Microsoft Office Specialist with score 888
- **Training** (2020): Intermediate Student Management Skills Training
- **Training** (2020): Simple Home Electrical Installation Training
- **Training** (2019): ESQ Training Character Building For Future Leader
- **Training** (2018): Pre-Basic Student Management Skills Training
- **Training** (2020): LeadID Pemimpin.ID
- **Training** (2019): Basic Student Management Skills Training
- **Delegation** (2019): National Leaders Training #13 Gadjah Mada University
- **Speaker** (2021): Pre-Basic Student Management Skills Training by IT-PLN Electrical Technology D3 Program Student Association
- **Training** (2018): Supervisory Control And Data Acquisition Training
- **Speaker** (2021): Pre-Basic Student Management Skills Training by IT-PLN Civil Engineering Student Association
- **Speaker** (2021): Pre-Basic Student Management Skills Training by IT-PLN Informatics Engineering Student Association
- **Delegation** (2019): Future Leader Summit 2019
- **Speaker** (2021): New Student Admission Week Karisma 2021
- **Speaker** (2021): Social Politic College by Andalas University
- **Speaker** (2021): Basic Student Management Skills Training by Executive Council of Student KBM IT-PLN
- **Speaker** (2021): Pre-Basic Student Management Skills Training by IT-PLN Mechanical Student Association
- **Speaker** (2021): Virtual Campus Surgery 2021 by Rumah Cendekia Boyolali
- **Speaker** (2021): Elshinta Instalk News and Talk
- **Speaker** (2020): Mabbicara Peace Generation Makassar
- **Speaker** (2021): National Anti Drugs Webinar
- **Speaker** (2019): Introductory and Early Stage Training for Electrical Students by IT-PLN Electrical Student Association
- **Speaker** (2021): Sospol Adventure Camp by State University of Jakarta
- **Speaker** (2019): Indonesian Masters School Depok