Rifaudin Sakroni

Magelang, 07 juli 1992 | Perum. Mega Regency Blok F 28/29

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EDUCATION

SMK N 1 Magelang | 2008 - 2011

Teknik Elektronika

Universitas Mercubuana | 2014 - 2015

Drop Out, Electrical and Electronics Engineering

Universitas Budi Luhur | 2016 - 2020

Bachelor's degree, Electrical and Electronics Engineering

WORK EXPERIENCE

PT Pharos Indonesia | 2018 - present

Position: Electrical Engineering Supervisor

Responsibility:

- Designing and implementing work schedules for the electrical
- Inspecting and assessing the work done by the electrical staff.
- Create sustainable solutions that enable technician teams to operate independent of engineering.
- Reading and interpreting design schematics to ensure the proper installation of electrical systems.
- Ensuring the work is completed on schedule.
- Overseeing the purchasing part and maintenance of the electrical equipment.
- Consulting with other teams on-site when installing electrical parts and equipment.
- Writing reports, providing blueprint and documentation of the electric part that was installed.
- Planning scheduling Preventive Maintenance (PM).
- Maintaining a safe and clean work area.
- Providing motivation and assistance when necessary.
- Maintain key performance indicator (KPI).
- Attending meetings and giving presentations to managers.
- Schedule meetings for new projects and evaluate projects that have been executed.

Position: Electrical RnD staff

Responsibility:

- Attending a meeting for a new project with all teams.
- Propose Designing electronic control devices based on the meeting results and give a presentation to all teams.
- Create bill of materials(BOM) and component selection, detailed design, digital schematic capture, analog design and power
- Implementation of designs that have been made and installed in the field.
- Testing and commissioning systems in the field to ensure the system works properly.
- Repairing and maintaining electrical equipment.

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→	Electronic
	PLC Omron CX-One
	PLC Mitsubishi GX-Works2
	PLC SIMATIC STEP 7
	Festo Fluidsim Simulator
	Automation Studio
	LabVIEW
	STM32Cube IDE
	PlatformIO
	Arduino
	Kicad
	Eagle CAD
	Node-RED
	PSIM Electronic Simulator

→ Mechanical SolidWork

Proteus

Autodesk Inventor AutoCAD Cura: 3D printer software CAM: Autodesk fusion360 Welding OFW & Electric

→ Software Developing

Python 2 & 3 Mysql Postgresql Visual Basic 6.0 MathLAB Git & Github

→ Networking & Server

MQTT Mikrotik RouterOS Ubuntu & Debian Server Docker Container

→ Project Management

Trello

Jira Gantt chart: Spreadsheet Odoo ERP **ERPnext**

- Troubleshooting major system failures and equipment malfunctions
- Running scheduling Preventive Maintenance (PM).
- writing reports and documentation.

PT Inti Utama Solusindo (Pharos Group) | 2017 - 2018 Position : Mechatronic Engineer staff

Responsibility:

- Jobdesc as a mechatronic engineer is the same as before at PT.SGS with additional tasks and responsibilities.
- Modification of the machine according to the needs of the production plant.
- Ensuring the factory automation system is running properly.

PT Softnet Global Solusindo (Pharos Group) | 2015 - 2017 Position : Hardware programmer staff

Responsibility:

- Designing program algorithms on the machine based on user requirements.
- Coordinate with the mechanical and electrical team regarding the process flow to be carried out on the machine
- Select the specifications for sensors and electronic components to be used by the electrical and mechanical teams.
- Programming machine hardware from the electric and mechanical team.
- Testing and commissioning systems in the field to ensure the system works properly and fix the errors found.
- Writing reports and documentation.

Position: Mechatronic Engineer staff

Responsibility:

- Using computer-aided design and engineering software to create project plans and circuit diagrams
- Undertaking relevant research
- Agreeing project specifications, budgets and timescales with managers.
- Design and propose flow process Automation before execution.
- Implementing designs and creating test procedures.
- Testing, evaluating, modifying final machine system.
- Analysing and interpreting data
- Retrofitting machine in production plant.
- Attending meetings and giving presentations about the automation system that will be implemented.
- Designing and overseeing the installation of electrical systems in the field.
- Training users for new automation systems that have been developed, including how to operate the machine.
- Writing reports and documentation.

PT Sarana Kencana Mulya (Polytron Group) | 2012 - 2015

Position: Home Appliance & White Goods Technician

Responsibility:

- Repairing malfunction of all polytron products during the warranty period..
- visit customers homes to repair products in place (Air conditioner, TV, washing machine, refrigerator).
- Achieve the predefined key performance indicator (KPI) target.

PT Hartono Istana Teknologi (Polytron Group) | 2011 - 2012

Position: Junior Technician

Responsibility:

- Training how to repair all polytron products (Audio Product, Video Product and white goods product).
- Training about Product knowledge and Product educating for customers.

→ Other Skill

Leadership Negotiation Troubleshooting HVAC system Panel Maker Wiring Diagram

LANGUAGES

Bahasa Indonesia English

INTEREST

Reading
Hardware Hacking
Open Source Software
Automation & IIoT
Open Source Technology
Smart Farming
Gardening

REFERENCE

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