

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 staff.
- 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 a 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 KPI (Key Performance Indicator).
- 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 supply.
- 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.
- Troubleshooting major system failures and equipment malfunctions
- Running scheduling Preventive Maintenance (PM).

SKILL SET

→ Electronic

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

Level

→ Mechanical Design

SolidWork
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
Gantt chart: Spreadsheet
Odoo ERP
ERPnext

LANGUAGES

Bahasa Indonesia
English

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- 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.
- Implementing designs and creating test procedures.
- Testing, evaluating, modifying and re-testing products.
- 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 Technician

Responsibility :

- Repairing malfunction of all polytron products during the warranty period.
- Educate customers about how to care for polytron products themselves.
- visit customers homes to repair products in place (Air conditioner, TV, washing machine, refrigerator).

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.

INTEREST

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

REFERENCE

Mr. Roland Antonius

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