Rifaudin Sakroni

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

Kec. Serang Baru, Bekasi, Jawa Barat 17330



linkedin.com/in/rifaudin-sakroni



Portofolio: http://rjlabs.github.io



rifaudinsakroni@gmail.com



08979496888



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: Engineering Supervisor

Responsibility:

- Designing and implementing work schedules for the engineering
- Inspecting and assessing the work done by the engineering staff.
- Create sustainable solutions that enable technician teams to operate independent of engineering.
- Reading and interpreting design, blueprint to ensure the proper installation of the systems.
- Ensuring the work is completed on schedule.
- Overseeing the purchasing part and maintenance of the engineering part & equipment.
- Consulting with other teams on-site when installing 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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\rightarrow	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
	Proteus

→ Mechanical 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:Project Management Gantt chart: Spreadsheet Odoo ERP **ERPnext**

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- 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

Mr. Roland Antonius

Former Manager
PT Decathlon Sports
Indonesia
08159288067
Click for E-mail
Linkedin Mr. Roland

Mr. Christian Pranata

Direct Manager PT. Pharos Indonesia 08118774608

Click for E-mail Linkedin Mr. Christian



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UNIVERSITAS BUDILUHUR



memberikan ijazah kepada awards this certificate to

Rifaudin Sakroni

Tempat dan tanggal lahir Place and date of birth

: Magelang, 07 Juli 1992

Nomor Induk Mahasiswa Student number : 1652510023

Student namber

. 1002010020

Program Pendidikan Degree program : Strata-1

: Teknik Engineering

Program Studi Program of study

Fakultas

Faculty

: Teknik Elektro Electrical Engineering

Berakreditasi Accredited

Tanggal kelulusan Date of graduate : 28 Agustus 2020

Ijazah ini diserahkan berdasarkan Keputusan Rektor, nomor: K/UBL/REK/000/006/08/20
This certificate is awarded in accordance to the Decree of Rector, number

tanggal 28 Agustus 2020.

dated

: Control Engineering

Nomor Induk Kependudukan: 3308120707920004

National Identity Number

admitted in

Concentration

diterima pada : September 2016

Bidang Peminatan: Teknik Kontrol

Dengan demikian yang bersangkutan berhak memakai gelar Sarjana Teknik (S.T.) The name mentioned above has the right to bear

> beserta segala hak dan kewajiban yang melekat padanya. with all its privileges and obligations.

Rektor Rector

Dr. Wendi Usino, M.Sc., M.M.



Jakarta, 01 September 2020 Dekan Fakultas Teknik Dean of Faculty of Engineering

Mi.

Dr. Ir. Nazori AZ, M.T.

UNIVERSITAS BUDILUHUR

DAFTAR PRESTASI AKADEMIK

No. 2042205548 / T

Nama

: Rifaudin Sakroni

Tempat, Tanggal Lahir

: Magelang, 07 Juli 1992

Nomor Pokok / Nomor Seri Ijazah

: 1652510023 / 202012020000325

Program Pendidikan

: Strata 1

Fakultas

: Teknik

Program Studi

: Teknik Elektro (Berakreditasi)

Bidang Peminatan

: Teknik Kontrol

Diterima pada

: 01 September 2016

Tanggal Kelulusan

: 28 Agustus 2020

No.		Pres	stasi
NO.	Mata Kuliah	Kredit	Nila
1.	Aplikasi Mikrokontroller	3	Α
	Aplikasi Wawasan Budi Luhur	1	Α
3.	Bahasa Indonesia	2	Α
4.	Bahasa Inggris	2	A-
11/2/2	CAD	2	Α
6.	Cisco Fundamental 1	3	Α
7.	Dasar Elektronika	3	A-
8.	Dasar Komputer dan Pemrograman	3	Α
9.	Dasar Sistem Kontrol	3	A-
	Dasar Teknik Tenaga Listrik	3	A-
11.	Dasar Telekomunikasi	3	Α
12.	Elektronika Analog	3	A-
	Elektronika Daya	2	A-
14.	Elektronika Digital *	3	A-
15.	Fisika Dasar 1	3	В
16.	Fisika Dasar 2	3	Α
17.	Fuzzy Logic	3	Α
18.	Gambar Teknik	2	B+
19.	Image Processing	3	A-
	Interfacing	2	Α
21.	Jaringan Komputer	3	B+
22.	Kalkulus 1	3	B+
23.	Kalkulus 2	3	Α
	Komponen Sistem Kontrol	2	Α
	Komputasi Numerik dan Simbolik	2	Α
26.	Komunikasi Data	3	B+
	Manajemen UKM	3	A
28.	Matematika Teknik 1	3	Α
29.	Matematika Teknik 2	2	B+
30.	Medan Elektromagnetik	2	A-
31.	Optoelektronika	2	Α
		: 3.3 B : 3 : 1.0 E : 0	P1000

33. Pt 34. Pe 35. Pe 36. Pe 37. Pe	endidikan Agama Islam	Kredit 3 4	Nilai A
33. Pt 34. Pe 35. Pe 36. Pe 37. Pe	LC endidikan Agama Islam		Α
34. Pe 35. Pe 36. Pe 37. Pe	endidikan Agama Islam	4	
35. Pe 36. Pe 37. Pe	The second secon		Α
36. Pe		2	A-
37. Pe	endidikan Kewarganegaraan	2	Α
	endidikan Pancasila	2	Α
	engolahan Sinyal Digital	3	Α
38. Pe	engukuran Besaran Listrik	2	A-
39. Pr	rakt. Dasar Sistem Kontrol	1	A-
40. Pr	rakt. Dasar Telekomunikasi	1	Α
41. Pr	rakt. Elektronika	1	A-
42. Pr	rakt. Mikroprosesor	1	Α
43. Pr	rakt. Pengukuran Besaran Listrik	1	Α
44. Pr	rakt. Rangkaian Listrik	1	Α
	rakt. Sistem Digital	1	Α
46. Pr	raktikum Fisika	1	A-
47. Pr	robabilitas dan Statistik	2	A-
48. Ra	angkaian Listrik 1	3	Α
49. Ra	angkaian Listrik 2	3	Α
50. Re	ekayasa Web	3	Α
	eminar Elektro	2	Α
52. Si	stem Digital *	2	Α
53. Si	stem Kontrol Digital	2	A-
	stem Kontrol Lanjutan	3	Α-
	stem Kontrol Multivariable	3	Α
56. Si	stem Linear	2	В
57. Si	stem Mikroprosesor	3	A
	awasan Budi Luhur	2	A
59. Ku	uliah Kerja Praktek	2	Α
	ıgas Akhir	6	A
V	uliah Kerja Nyata	3	A

Indeks Prestasi Kumulatif : 3.83

* : Mata Kuliah Kendali Mutu

Tugas Akhir:

RANCANG BANGUN SENSOR TDS (TOTAL DISSOLVED SOLID) SEBAGAI UMPAN BALIK KONTROL SISTEM OTOMATISASI FILTER AIR TANAH

Rektor

(Dr. Wendi Usino, M.Sc., M.M.)



Jakarta, 01 September 2020 DAIA Dekan

(Dr. Ir. Nazori AZ, M.T.)