MUHAMAD SYAKIRUDIN BIN KAMARUDIN

No 349,Jalan Nusari Bayu 1/1, Taman Nusari Bayu 1, 71950 Seremban, Negeri Sembilan
muhamadsyakirudin@gmail.com
+601126715181
https://syakirudin.github.io/syakirudin/
BEM Registration No: T18471

CAREER OBJECTIVE

I am seeking a position within a company where I can leverage my expertise in software development or data engineering to drive impactful solutions. I aim to continuously enhance my skills while contributing to the advancement and growth of the organization.

SOFTWARE SKILLS

Office and Data Analysis
- Microsoft Office (Word, Excel, Power Point)
- Microsoft Power BI
- PLC programming (Studio 5000)
- Adobe Photoshop
- AutoCAD / SolidWork

Programming Languange
- C/ C++ programming
- Python
- SQL
- Arduino IDE
- Javascript
- PHP

COURSES ENROLLMENT:

Course Name: Applied Data Engineer and Digital Leadership Program
Company Name: Yayasan Peneraju Pendidikan Bumiputera
Duration: September 2022 - February 2023 (Online Class and Exam) with one year work monitoring

Module Covered:

1. Digital Leadership – Agility, communication, and management
2. Applied Data Analytics:
   - Data interpretation, manipulation and visualization using Big Data Analytics Platform, Power BI
   - Combine raw information from different source.
3. Python – using for manipulating, processing, cleaning, and crunching datasets.
4. Applied Data Engineering:
   - Introduction to HDFS, Sqoop, Hive/Impala, Flume
   - Perform data ingestion from various sources into Hadoop.
   - Build data systems and pipelines.
   - Create real-time data streams and text processing with Spark.
   - Interpret trends and patterns.

Course Name: MERN Stack Online Coding Bootcamp
Company Name: KelasProgramming.com
Duration: January 2024 ~ June 2024

Module Covered:

1. Front-end – HTML5, CSS3 and Javascript
2. Back-end – Javascript
3. Database – MongoDB & SQL
4. Framework – Bootstrap, ReactJS, NodeJS & ExpressJS

WORKING EXPERIENCES:

Position: Process Engineer 1

Company: Samsung SDI Energy Malaysia Sdn Bhd (June 2022- Present)

Job Descriptions and Responsibilities:

- Identify, analysis and produce counter measure of the defect.
- Analyst probability alarm occurrence and reduce the time stop machine.
- Edit and improve machine program (C language and PLC ladder diagram)
- Collect, extract, analyse and represent data visually using Excel, for further line improvement.
- Update and record production line defect rate and report weekly basis.

Position: Electrical Engineer

Company: Baosteel Can Making Malaysia Sdn Bhd (December 2020- May 2022)

Job Descriptions and Responsibilities:

- Troubleshooting any problem related to electrical control and programming to ensure the production line runs smoothly.
- Participated in machine installation and commission, i.e conveyor, lifter, vacuum pump, camera system, palletizer, heater, and spray system.
- Reduce production downtime, update, and improve the line progress.
- Edit, update, testing and improve machine PLC program.
- Modified or replace an electrical broken part, a record for future reference, and purchase for spare part.

Position: Assistant Engineer (Electrical and Electronics Control Department)

Company: Pentamaster Corporation Sdn Bhd (April 2018- November 2020)

Job Descriptions and Responsibilities:

- Responsible for installing, maintaining, testing, and troubleshooting of a machine; consists of electrical wiring, electronic sensors, pneumatic valve, and machine software.
- Modify and interpret electrical schematic diagram, machine program and process flow in PLC software; and understand technical drawing in AutoCAD 2D and 3D projection.
- Scheduling, planning, follow up and reporting every duty progress to Project Supervisor to make sure the project was in the right schedule timeline and achieve before the deadlines.
- Assist Electrical Engineer in the bring up of prototypes especially in electrical design.

EDUCATION BACKGROUND

University of Kuala Lumpur Malaysian Institute of Aviation Technology (July 2015- December 2017)

(Bachelor of Aircraft Engineering Technology in Avionics)   **CGPA** :3.01

University of Kuala Lumpur Malaysian Institute of Aviation Technology (July 2012- June 2015)

(Diploma of Aircraft Engineering Technology in Avionics)   **CGPA**: 3.63

Maahad Tahfiz Sains Tanah Merah

(Sijil Pelajaran Malaysia 2011)   **Results**: 3As,6Bs,2Cs