

MUHAMMAD TARMIZI BIN ZILANI

MECHATRONICS ENGINEER



CONTACT

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<https://mizisport.github.io/Portfolio/>

Kemaman, Terengganu.

SKILLS

- PLC programming & troubleshoot (Siemens, Omron). **4/5★**
- Electrical panel box installation, commissioning and troubleshooting. **4/5★**
- Robot programming and Integration (TMflow, RoboDK). **3/5★**
- Software implementation. (Python, C/C++, HTML, Arduino). **4/5★**
- Network troubleshooting (Cisco). **3/5★**
- Automated communication system (Profinet, Profibus). **3/5★**
- Mechanical Design (AutoCad, Inventor). **4/5★**
- Automation system development. **4/5★**
- Project management (PDCA, 6sigma). **3/5★**
- Hydraulics and pneumatics (Festo, SMC). **4/5★**
- Sensors and Instrumentation. **4/5★**
- Microsoft Office (word, excel, project, powerpoint). **3/5★**

EDUCATION

Penang Skills Development Centre, PSDC

Malaysian Skills Advanced Diploma in
Mechatronic
01/2021 - 03/2023

Malaysian Skills Certificate level 3 in
Mechatronic
07/2019 - 12/2020

Malaysian-German Chamber of Commerce and Industry, MGCC

Certificate German Dual Vocational
Training Mechatronic Technician in
Malaysia
07/2019 - 01/2023

PROFILE

A results oriented Engineering Technician with expertise lies in troubleshooting, problem solving, and fostering innovation for over four years' experience in the manufacturing industry. Proven track record of improving production, achieving organizational goals for both technician and apprenticeship levels

WORK EXPERIENCE

Production Technician

BBRAUN Medical Industries SDN. BHD.

03/2023 - present

- Perform troubleshooting and resolve technical problems in the product line or process to minimize reject levels.
- Servicing and maintenance of machine parts or equipment such as vacuum generators, cylinder grippers, flex conveyors, etc.
- Perform a daily machine check-up to maintain smooth operation.
- Good Documentation Practice (GDP), such as reporting machine condition, tasks, output, downtime, etc.
- Support team members in solving major machine breakdowns and projects.

Mechatronic Apprenticeship

BBRAUN Medical Industries SDN. BHD.

07/2019 - 03/2023

- Training Industrial Automation Engineering System Assembly
- Develop digital display with webpage as remote to reset counter order by Aesculap Safety department.
- Support production in designing and fabricating part that aid in reducing machine stoppages and projects.
- Training Industrial Automation Engineering System Development
- Develop Vision System Module for Auto-loading and integrate with Computer Vision.
- Involve in designing and fabricating of Disposable Elastomeric Pump Leak Tester order by Plastic Technology Department.
- Involve in programming and circuit design for developing Arduino keyboard module that able the Zwick tester and COBOT to communicate.
- Coaching on how to troubleshoot electrical panel box and PLC programming.

Assistant Technician

Iznor Electrical Engineering

12/2018 - 06/2019

- Troubleshoot Steel Drum Cutter and Curler Machine electrical panel.
- Troubleshoot general electrical appliances.
- Repair water pump and vacuum pump.
- Preventative maintenance air compressor.
- Office work such as quotation, invoice, etc.

REFERENCES

BBraun Medical Industries SDN. BHD.

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Iznor Electrical Engineering

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