



# MUHAMMAD SHARUL AZRIE BIN SHAHARUDIN

Engineer



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## PERSONAL PARTICULAR

Age: 24-Year-old  
Nationality: Malaysia

## LANGUAGE

Malay ● Advanced  
English ● Intermediate  
Mandarin ● Beginner

## PROFESSIONAL CERT

- PLC programming with Indraworks Engineering from Bosch Rexroth
- Bosch Modular Mechatronics System Basic Application from Bosch Rexroth
- Characteristic and application of PLC System from Festech

## TECHNICAL SKILLS

PLC ● Intermediate  
Python ● Intermediate  
C Programming ● Intermediate  
MySQL ● Beginner  
AutoCAD ● Beginner

## SOFTSKILLS

Leadership  
Innovative  
Creativity

## OTHER

CIDB Green Card Holder

## OBJECTIVE CAREER

A person who is passionate about automation electronics and is looking for a position to grow and gain experience in the field. Self-motivated, smart working, diligent, and detail oriented.

## EDUCATION

- ◆ **2020 - 2024**  
Bachelor of Technology (Industrial Electronics Automation) **3.89**  
With Honours, University Malaysia Pahang
- ◆ **2018 - 2019**  
Diploma of Electronic Technology (DVM) **3.82**  
Kolej Vokasional Sungai Buloh  
  
Diploma Kemahiran Malaysia (DKM)  
Course: Electronic Technology (Audio Visual) **Level 4**  
Kolej Vokasional Sungai Buloh
- ◆ **2016 - 2017**  
Sijil Vokasional Malaysia (SVM) **3.52**  
Course: Electronic Technology  
Kolej Vokasional Sungai Buloh

## PROJECT & ACHIEVEMENT

- ◆ **2023** BCM Monitoring System Through Cloud Server (Internship Project at PROTON)
- ◆ **2022**  
1) Smart Home with Anti-Theft System  
2) Handwriting Recognition using Webcam for Online Learning
  - Both projects have won Silver Award in in Creation, Innovation, Technology & Research Exposition (CITREX)
- ◆ **2020** - Cooling tower level sensor detections and supervisory at SCADA (Internship Project at Top Glove)
- ◆ **2019** Herb Dryer
  - Certificate of Platinum Award in Innovation Competition for International Summit of InSIDE 2019
  - Certificate of Bronze Award in Asean Robofest 2019 for Skill Challenge Electronic
- ◆ **2018**
  - Certificate of Third place in KV Skills Industrial Electronic Technology at Central Zone

## SKILLS

- Automation: PLC, Mechatronic, Pneumatic, Hydraulic, Analog & digital, Industrial automation & instrumentation.
- IoT technologies: Microcontroller, Wireless communication, Cloud database, Apps development, Networking.
- Electronic skills: PCB Assembly, PCB Design, Troubleshooting, Audio & Video Installation.
- Automotive: GADS, PADT, CANoe Vector, Basic CATIA
- Employability skills: Critical thinking, Communication, Professionalism & ethics, Collaboration.

## JOB EXPERIENCES

- ◆ **March 2023 – March 2024**  
Practical, Research & Development E&E  
PROTON, Perusahaan Otomobil Nasional Sdn. Bhd  
Tasks:
  1. To assist engineer in project development.
  2. Troubleshoot and deal with issue.
  3. Communicated with Geely, other departments (Testing, Quality, Manufacturing) and vendors.
- ◆ **June 2020 – Sept 2020**  
Supervisor, Manufacturing M&E  
Top Glove, TG Medical Sdn. Bhd (F3)  
Tasks:
  1. Person In charge for facemask machines.
  2. To ensure all machines & production lines are running smoothly.
  3. Trouble-shoot and report on facilities and building repairing works.
  4. To assist engineer in the creation of projects.
- ◆ **January 2020 – March 2020**  
Trainee M&E (Internship Diploma)  
Top Glove, GMP Medicare Sdn. Bhd (F29)  
Tasks:
  1. To supervise subordinates & ensure all works & projects are being carried out smoothly.
  2. To ensure all works and projects are carried out smoothly and efficiently.
  3. Monitor electrical consumption and chiller system at factory.

## REFERENCES

- ◆ **Dr. Raja Mohd Taufika Bin Raja Ismail**  
Head of Program  
University Malaysia Pahang  
Tel: 013-9761013  
Email: rajamohd@ump.edu.my
- ◆ **Dr. Amran Bin Abdul Hadi**  
Lecturer  
University Malaysia Pahang  
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