MUHAMMAD FAIZ B. MOHAMMAD YUSOFF
PROGRAMMING TRAINER

1.0   GENERAL INFORMATION

1.1	Name	:	MUHAMMAD FAIZ B. MOHAMMAD YUSOFF
1.2	Nationality	:	Malaysian

2.0   TRAINER PROFILE:

2.1 Academic Qualification:
- **2015** – Center Instructor Advance Skill Training, Diploma Lanjutan Kemahiran Malaysia
- **2013** – Japan Malaysia Technical Institute Diploma Teknologi Kejuruteraan
- **2013** – Japan Malaysia Technical Institute Diploma Kemahiran Malaysia

2.2   Professional Certification:
- 2024 – Accredited Trainer HRDCorp
- 2022 – Malaysia Board of Technologists (MBOT)
- 2016 – Federation Malaysian Skills Development Centre
- 2016 – Jabatan Pembangunan Kemahiran Malaysia

2.3   Past Trainings Conducted:
- XLR8 - Associate Web Developer (AWD) (Learning Web App AI Chatbot with RAG)
- K-Youth – Associate Web Developer (AWD) (Learning Web App AI Chatbot with RAG)
- MyMahir - MERN Full Stack Developer (Redeem Web App MERN Stack)
- K-Youth - Software Engineering (Redeem Web App + AI Chatbot Customer Service)
- HRDCorp - Python Programming (Basic, Intermediate, Advanced)
- K-Youth - AI & IoT (Python + Node-RED)
- K-Youth - Automation & Robotics (Python + Node-RED)
- Productivity Through AI and IoT (Node-RED + Python)
- Irrigation System Plant with IoT (Node-RED)
- AI with Machine Learning (Python)
- Industrial Robot Introduction with Webot Simulation (Python)
- Introduction to Internet of Things with Node-RED
- Monitor Warehouse with Computer Vision (Python)
- Project Management with Power BI (Python + R)
- 3D Printing Reverse Engineering
- Arduino IIoT (C++)
- Raspberry Pi + Arduino with IIoT (Node-RED + C++)
- IIoT with Arm Board (Python)
- Fanuc Robot Arm
- Motor Control AC
- Electro-Hydraulic
- Electro-Pneumatic
- PLC Omron (Ladder Diagram)

3.0 Career Experience:

Knowledgecom Sdn Bhd (2025- Present)
Programming Trainer
- TTT Exempted Trainer (HRD Corp)
- Build programming training such Java and Python
- Conduct Onsite and Offsite training
- Job/Training Scope:
    - Develop training modules, with a focus on C++, Java and Python
    - Crafting engaging and forward-thinking content to empower learners with the knowledge and skills essential in today's rapidly evolving technological landscape. Full Developer Javascript(React.js) +Python(Django)

Techcapital Resources Sdn Bhd (T-Robot) (2020 – 2024)
Industry 4.0 (I4.0) Trainer
- TTT Exempted Trainer (HRD Corp)
- Build training AI, IoT & Industrial Robot Simulation
- Conduct Overseas training: Tanzania STEM Training
- Build AI kit for showcase with cover 4 pillar in IR4.0
- Job description:
    - Involves facilitating comprehensive training sessions through both online and offline platforms, ensuring a dynamic and inclusive learning experience for participants.
    - Develop and implement the cutting edge of Industry 4.0 (I4.0) training modules, with a focus on emerging technologies such as Internet of Things (IoT), Artificial Intelligence (AI) and Robot Simulation.
    - Crafting engaging and forward-thinking content to empower learners with the knowledge and skills essential in today's rapidly evolving technological landscape.

Welpack Engineering & Trading Sdn Bhd (2019 - 2020)
Engineer
- Job description:
    - Involves identifying and rectifying machine malfunctions by replacing a damaged programmable Logic Controller (PLC) controller.
    - Keen understanding of the machinery, encompassing the meticulous installation of the new PLC controller, along with comprehensive diagnostics, system testing and calibration to ensure the restored optimal performance of the machine.
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Penang Skills Development Centre (PSDC) (2016 – 2019)
Trainer Mechatronic
- WIM (Written Instructional Material) building start from SKM level 2 to level 5
- Maintain & build new training assets from Applied Engineering
- Department
- Job description:
    - Leading hands-on classes covering PLC, hydraulic and pneumatic systems, fostering interactive learning experiences through practical applications.
    - Thorough revamp of teaching materials, aligning them with the NOSS Malaysia framework, to ensure updated, relevant and high-quality content for effective education delivery.

Meatech College (2015 – 2016)

Trainer Mechatronic

- Slide orientation for Mechatronics
- WIM (Written Instructional Material) building start from SKM level 2 to level 4
- Job description:
    - Create specialized teaching materials designed for orientations weeks, ensuring a smooth and informative introduction to the educational program.
    - Conducting hands-on classes in subjects like PLC systems, Engineering Drawing and Electrical principles, combining theoretical concepts with practical applications.

Dynaflo Sdn Bhd (2014 - 2015)

Service Technician

- Job description:
    - Servicing hydraulic pumps and performing precise spray painting for automotive industry clients, ensuring the optimal functionality of pump systems and enhancing the visual appeal of automotive components.
    - On-site installations of new pump systems, requiring expertise in hydraulic technology for seamless integration and successful implementation at client locations.

Note

*Please visit my **LinkedIn** for full UpToDate profile and further information on my current job, projects, and social work.*