KAUNG HTET CHO

Mechanical Precision and Automation Engineer

kaunghtetcho.001@gmail.com
linkedin.com/in/kaunghtetcho
+959987936698 (WhatsApp)

Operation and maintenance technician with over 3 years experience troubleshooting, controlling and manufacturing in factory, has good grasps of engineering fundamentals in both electrical and mechanical and competencies in programming. Passionate in robotics and AI, continuous learner and can-do attitude person who wants to work in a challenging environment.

EDUCATION

University of technology (YCC)
Bachelor's degree
(**Mechanical Precision and Automation Engineering**)
Dec 2012 - Dec 2018

TECHNICAL SKILLS

- 3D modelling in (AutoCAD/Fusion360)
- C++ / Python / MATLAB
- Microcontroller (Arduino/Pi)
- PLC programming in ladder logic (SIEMENS TIA PORTAL)
- Robot kinematic

- Basic electrical wiring
- Assembling mechanical modules
- Hydraulic and pneumatic
- Semi-auto lathe/milling machines
- CNC machines (MasterCAM)
- Industrial workshop tools

RELATED SKILLS

- Technical documentations
- Maintenance planning
- Cleanroom environment
- Team collaboration
- Good problem solving
- Analytical thinking

INTERESTS

- Basic knowledge in ML/ CV and continues learning

WORK EXPERIENCES

Operation and maintenance technician — Sep 2019 - Sep 2022
JMM Core co.,Ltd — Yangon, Myanmar

- Performed installation & commissioning of precision machines (EDT, Heavy grinder, Semi-auto Lathe, De-chocking machines) cooperating with multinational workers in a 6-month duration
- Deployed in the daily operation of semi-auto lathe machines and CNC machines for quality surface texturing during the erection of the JFE steel painting Plant in Myanmar
- Identified major defects of rolls with relevant solutions which assessed the plant to maintain optimal production above 90%
- Developed Work permits, JSA, lifting plans for daily routines and Risk assessments and SOP for CNC machines and processes

- Moderated preventive and break down maintenance of hydraulic and pneumatic systems, sensors, actuators and electrical systems of CNC machines and production line
- Accelerated hands-on experiences by repairing, modifying and designing in different mechanical components (blowers, bearings, valves, pumps, heat exchangers, etc)
- Provided onsite assistance to automation control and maintenance activities of production line such as integrating PLCs (SIEMENS) with HMIs, VFDs, servos, sensors, actuators etc
- Cooperated with multinational workers, sub-contractors and suppliers

Apprentice (Process engineer) — Mar 2019 - Aug 2022
Delta Electronics Int'l (Thailand based) — Yangon, Myanmar

- Led the IE/PE team; responsible for monitoring production line and support 4M methods for pilot-line operation
- Collaborated with QA/QC and production depts performing Root Cause Analysis for delayed WIP
- Implemented jigs and fixtures designs applying AutoCAD and GD&T
- Liaised with the Production team for NPI and ECN in cleanroom environment

UNIVERSITY RESEARCH

Kinematic analysis of 6 Dof Robot arm (Faculty research) — 2018

- Calculated Forward and Inverse **kinematic analysis calculation and simulation** using MATLAB
- Designed assembly parts with AutoCAD and then laser cut
- Implemented robot arm by using Arduino
- Involved and led university project team and implemented many Arduino based projects