Muhammad Talha Siddiqui

Industrial Electronics Engineer

To be able to leverage my cross-functional expertise on process, supply chain & operation managing skill, coupled with strong analytical & communication skill to positively contribute to the organization's goal.

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Industrial Exposure

01/2018 - Present

Service Engineer
Hassan Engineering Services
- TAPAL tea bag sorting conveyor system.
- TAPAL stabilo pouch sorting conveyor system.

05/2017 – 01/2018   *8 month*

Process Engineer
P&G Pvt.Ltd – Product Supply
- Safety & Quality Leader of Packing line.
- Rapid Change Over DMS Owner of the site.
- Gap Analysis of maintenance process and breakdown.
- Scheduling PM Plan to minimize breakdown & business hurt.
- LE Pillar Member responsible to execute & coach teams to eliminate Equipment & WP losses in Packing Line.
- MUv loss tracking and Gap analysis to reduce its variance Month on Month by initiating projects.
- IWS Capability building in packing teams.
- Tracking & Eliminating of Chronic Losses in packing Line.

01/2017 - 02/2017   *2 month*

Internee
P&G Pvt.Ltd – Supply Chain Function (SNO)
- Intersite Fleet Model Optimization
- Grooming & Beauty Care SND from India.
- Direct Plant Shipment Model of Safeguard.
- Trade Rhythm Shipment Model.

07/2016 - 08/2016   *2 weeks*

APC&IC - PCSIR

01/2015 - 02/2015   *4 weeks*

Dawlance Pvt.Ltd

Education

01/2013 -12/2016   *3.53 CGPA*

B.E (Industrial Electronics)
NED University of Engineering & Technology-IIEE

Intermediate (Pre-Engineering)
Govt. Deg College Gulshan-e- Iqbal, Karachi

Project

Design & Development of FPGA Industrial Controller (Final Year Project)
- SCADA environment by master slave arbitrary wirelessly through NRF 24L01+ with multiple slaves.
- Star Topology with Master FPGA and 5 Slaves include Industrial Parameter, Industrial Manipulator (Robotic Arm), Conveyer Sorting System, Load Lifter & Portable Parameter monitoring.
- Flow, Level & Temperature control through PID by FPGA Spartan 3E (using parallel processing advantage)
- Automate 6 DOF robotic arm with adaptive manner
- RPM monitoring of DC motor through encoder feedback
- Wireless Color based conveyer sorting system.
- Wireless Portable Industrial Parameter monitoring.
- Wireless Load Lifting Mechanism

Achievements

Professional Year:
- **LOSS GURU** for JAS Quarter.
- **DREAM TEAM** award.

Academic Year:
- Scholarship from IIEE Administration
- Shield Awarded on organizing Annual Party at IIEE.
- ICT R&D FYP scholarship by the Ministry of Information Technology, Pakistan

Certificates

Control Technology (02/2016 - 04/2016)
Pak Swiss Training Centre - PCSIR

Skills & Competences

Skill	Level
Leadership & Creativity	●●●●●
Hobbies	●●●○○
Control Technology	●●●●○
Team & Time Management	●●●●●
PLC Programming	●●●●●