****MUHAMMAD

**ELECTRICAL ENGINEER(*Electronics*)**

**(Production,Maintenance, Sales, Automation & Projects)**

Language: English, Urdu & Hindi

Profile: Male | Single

Location: Dubai, UAE

Visa Status: Visit Visa

**Email ID:** [MUHAMMAD.374505@2freemail.com](mailto:MUHAMMAD.374505@2freemail.com)

**WHY ME?**

* An erudite **(Electrical ENGINEER)Automation, Maintenance, Production, Sales and ProjectEngineer** Professional with a comprehensive understanding of different methodologies used to increase productivity,automation,performance and maintenance of the plant. I am experienced in **Process Automation, Electrical Control, Process Control, PLC, DCS Systems, ProductionPerformance,ARUDINO, Raspberry pi, Electro Mechanical, Production Planning, Projects,Lean Manufacturing, Utilities Management, Project control, Total Productive Maintenance, Preventive and Planned Maintenance, Multisim, Troubleshooting, Making, Checking & Testing new Circuits, Ps-Pice, Power Systems Analysis, ELV Systems.**
* Holds a sensational track record of 1+ year, having a solid theoretical and practical background of Maintenance,Automation& Controlling of plants.
* Comprehensive knowledge of**Process Controlling, Project Control,Operational Master Planning, Systems Maintenance** to increase the quality of product as well as to eliminate the error in plants for company to achieve company’s goal and vision
* Voracious problem-solver, confident, articulate and goal-driven to succeed in a fast paced environment with keen ability to rapidly assess diverse situation challenges
* Resourceful and proactive professional looking for solutions to technical challenges and troubleshooting, has practical responses that are readily applicable to produce the desired results and enhance quality
* A talent full of abilities and determination to serve with enthusiasm and dedication who will be utilizing every possible channel towards the development and betterment of company

Key Skills:

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| * **Programmable Logic Controller-PLC** * **Multisim** * **ELV Systems** * **PowerWorld/Ps-Pice** * **C/C++** * **Quality Product Review(FAT & SAT)** * **HVAC/MEP** * **Load Calculation** * **Sales Strategy** * **Communication Skills** | * **DCS Systems** * **Operational Master Planning** * **Power System Analysis** * **Microsoft Office Suite** * **Quality Risk Management** * **Human Error Reduction** * **Motors/Generators** * **Duct SizinG** * **Heat Gain/Loss Calculation** * **Electrical Instruments** * **Market Analysis** | * **PCB Designing** * **Industrial Automation** * **Root Cause Analysis** * **Business Acumen** * **Projects Economics** * **SWOT Analysis** * **AutoCAD** * **Troubleshooting through Engineering Softwares** * **Project Management** * **PID & Process Controlling** |
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Work Experience:

Food,Drugs& Cosmetics(PVT.) Limited Pakistan (May’16 to May’17) 

**Worked as “ *Electrical Engineer (Automation)*“**

* Making and Controlling Of**PLC based plant** with defined targets inorder to achieve company goal and vision
* **Feasibility analysis** of the different equipments available around the globe to oversee and decide the best equipment available for the business in order to improve **operational efficiencies**
* Calculating the complete project budget on the basis of direct labor cost, direct material cost, packaging cost and transportation cost etc.
* Complete feasibility based on **future need,ordering, installation, commissioning,** and **ergonomics** of the new equipment.
* Participation in international exhibitions in order to identify best equipment for the business based on business need and company’s vision.
* Up gradation of existing equipment by looking for the best available and compatible resource in the market to reduce final product cost.
* Defining **FAT plan** to test the system is in accordance with the approved test plans and specifications and system is at a point to be installed and tested on site
* Defining **SAT plan** in order to ensure that the system is tested in accordance to approved test plans and specifications to show the system is installed properly and interfaces with other systems and peripherals in its working environment
* Defining the processes of the newly installed equipment in order to make sure all required parameters are being followed for the longer run of the equipment/investment.
* Coordinating with the Supply Chain and Operations team to ensure in-time availability of resources prior to production start
* To assure team is well trained after installation of new equipment or upgraded equipment.
* Manufacturingof**PLC& HMI** based automatic plants

***Production;***

* Managing a pool of more than 25 employees of different grades including Engineers, Supervisors, Technicians, Skilled and Unskilled Labor
* Implement different strategies to meet **production deadlines,production planning & execution at maximum efficiency.**
* Monitoring of hourly production VS hourly production planand to conduct Time and Motion Study to optimize process time and production capacity.
* Identification of opportunities present with in the business to reduce the final product cost making sure product quality is same or improved .
* Standardization of ongoing process to reduce uncertain losses.
* Collaborated with senior management on Process Re-engineering (PR) efforts, gaining increase in productivity and quality.
* **SWOT Analysis** quarterly to see Strengths, Weaknesses, Opportunities and Threats of the entire projects.
* Managed various ongoing projects by Planning and scheduling them in Project Management Office.
* Implementation of Lean Manufacturing practices,Total Productive Maintenance in the departments and reduce the wastage and quality defectsusing **statistical process control** (Histogram, Control charts, Bar graph etc.)methodology.
* Understand and comply with Company’s, Health & Occupational Safety, Environmental and Quality policies and procedures and also ensure that appropriate personal protective equipment’s are used where applicable by performing accident investigation and root cause analysis to prevent recurrence.
* Prepare data analysis reports regarding product non-conformities to identify areas which require improvements.

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**PROCOM (Apr’13,Feb’14, May15, Feb17)**

**Worked as “*Event Manager*”**

* Assisting all activities **including design, Managing events ,Preparation of daily Look ahead Plan, adding resources and closing Work orders**, generate monthly reports and work order status to Procom Circle.
* Contribute to continuous improvement in team performance by ensuring systems and environmental standards are followed within the workspace.
* Departmental daily meeting with all sponsors to discuss progress of ongoing work and monthly Presentation to higher management.
* Follow and implement of PROCOM Policy with respect**to Maintenance activities.**
* Served as the **Event Manager** and earned **sponsorships** for the university team

EDUCATION:

* **B.S Electrical Engineering (Electronics 2017)**
* National University of Computer Sciences and Emerging Sciences**(FAST), Pakistan**
* **Matriculation (SSC), Sciences, Govt. Boys High School. Pakistan**