

SYED ROOMI MUZAFFER

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Summary

To pursue a job in a challenging and competitive environment where I can practically apply my engineering and business skills in order to contribute to the future success of the organization.

Experience

Sr. Control & Automation Engineer at Optimum Solutions

February 2011 - Present (3 years 2 months)

Main Responsibilities:

- Manage Automation projects from concept till completion.
- Supervision of technical team.
- Technical lead for proposals preparation.
- Project management, execution and technical support.
- Conduct meetings with clients and vendors.
- Develops new distribution outlets as needed. Analyzes market potential for new products and applications.
- Recommend product or service enhancements to improve customer satisfaction & sales potential. Manages multiple areas & adjust sales goals for each area.
- Planning tasks for better team play.
- Programming and Commissioning of PLCs.
- Installation of AC/DC Drives.
- Development of Human Machine Interface HMIs and third party SCADA systems.
- Sourcing and Selection of Hardware and Software.
- Working on different Industrial communication systems and standards.
- Calibration and interfacing of different instruments i.e. Analog and Digital.
- Conduction of Site Acceptance Test SAT.

Project Engineer (Automation) at Marsons Group of Industries

January 2009 - February 2011 (2 years 1 month)

Main Responsibilities:

- Programming, Installation and Commissioning of PLCs & HMIs.
- Programming of Variable Frequency Drives.
- Designing of Control Panels for various electromechanical equipments.
- Calibration of different instruments as per project.
- Analyse, troubleshoot and resolve technical faults.
- Installation & maintenance of machines, reinstate equipment into production environment and performs FAT & SAT.
- Planning and assisting R&D activities and Project coordination.
- Working on different industrial communications protocols such as RS232, RS485, CANBUS, MPI, PPI etc...
- Giving appropriate solutions to engineering problems that may occur during execution of projects.

Trainee Engineer at ACT Automation

March 2008 - December 2008 (10 months)

Education

- **B.E. (Electronics), 2008**
Usman Institute of Technology (Hamdard University)
 - **HSC Pre-Eng. (Karachi Board Of Intermediate)**
Jauhar Degree College, Karachi, Pakistan.
 - **SSC Science (Federal Board Islamabad)**
Pakistan International School Jeddah, Saudi Arabia.
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Certifications

- **Project Management Professionals PMP**
CONSAK INC.
 - **Short Course on Industrial Automation**
NED University of Engineering and Technology
 - **2 Months Advanced PLC & HMI**
ACT Automation, Karachi
 - **Basic Instrumentation (PLC)**
ACT Automation, Karachi
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Projects

Filter Plant Automation ARD FILTERS, FUJAIRAH UAE

Complete Automation i.e. Panel designing, installation of VFDs, PLC programming, HMI designing, instruments calibration and interfacing of Filter Combiner machine on Siemens S7 PLC with Maples HMI at site.

Tobacco Making & Packing Line Automation M/S Rusvit Co. Donetsk, Ukraine

Installation and programming of PLC and HMI on 9 machines, designing of electrical panels, integration of VFDs on Modbus Protocol, Remote monitoring on IP based GUI system and electrical diagrams for all the machines. Installation and Commissioning was done at site in 5 weeks.

Packing Machine Automation Crown Dubain Agencies Jebel Ali Free Zone, Dubai U.A.E

Programming, testing and commissioning of Siemens S7-200 PLC and Maples HMI of H.L.P machine on SITE.

Commissioning of Packing Line Sarhad Tobacco Pvt. Ltd, Peshawar

Testing and commissioning of Siemens S7 PLC and Maples HMI on SITE.

Automatic Wheel gauging run out machine Baluchistan Wheels Ltd, Hub

Complete Automation i.e. Electrical panel, VFD, HMI and Mitusbishi Q series PLC of Automatic Wheel Gaging run out Machine with Mitutoyo Linear gages.

Commissioning of CO2 Plant Habib Sugar Mills, Nawabshah, Pakistan

Commissioning and fault finding of Siemens S7-300 PLC at CO2 plant.

Installation & Programming of Double Duplex Boiler Artistic Milliners Karachi, Pakistan

Complete Automation i.e. installation and programming of double duplex boiler on Fatek PLC and monitoring of parameters on 3rd party software through RS-485 communication & HMI as a slave hardware with calibration of analog instruments such as pressure transmitters & flow meters.

Centralized Safety & Monitoring System ATLAS HONDA ltd Karachi, Pakistan

Designing of Safety monitoring system on paint booth with Mitsubishi PLC & HMI with instruments such as Gas detector, flame rod, air flow switch, pressure switch etc.

Stability Chambers Getz Pharma, Pakistan

Complete Automation of three Stability Chambers on PLC & HMI Based system with IP based PC interface of temperature and humidity data log as per user's requirement.

Pure Water Circulation System Getz Pharma, Pakistan

Electrification & Automation of Siemens S7 PLC and designing of HMI with configuration & calibration of various process analyzers & instruments such as (pH, Conductivity, Flow, Pressure & Level)

Dispensing Booth Automation Indus Pharma, Karachi, Pakistan

Installation and programming of Siemens S7 PLC and designing of HMI at Dispensing Booth with Denfoss AC drives.

Tobacco Auto Press Pak Hills, Mardan, Pakistan

Installation & programming of Siemens S7 PLC with HMI at Tobacco AUTO press of 900 Tons capacity with Siemens Loadcells & controllers. PLC was being installed for the first time on this press, worked as commissioning Engineer. My scope also included Site Acceptance test SAT & plant start-up. Conducted on site training for maintenance staff.

Skills & Expertise

Instrumentation

PLC Programming

Automation & Commissioning

SCADA & HMI

Variable Frequency Drives

Project Management & Planning

Troubleshooting

Electrical Engineering

Testing

Calibration

Preventive Maintenance

Process Automation

Personal Details

Father's Occupation	:	Electrical Engineer (R)
Date of Birth	:	12 th April 1986
Nationality	:	Pakistani
Marital Status	:	Married
PEC Reg. No.	:	Electro/10171
N.I.C No.	:	42201-4916522-9
Passport No.	:	AA0885221
Driving License No	:	KLA5208
Mobile No.	:	+92-300-2166925
Email	:	hsroomi@hotmail.com

Languages

Arabic (Limited working proficiency)

English (Professional working proficiency)

Russian (Elementary proficiency)

Reference

Will be furnished upon request