

Khan Zohaib Ahmed

+91-9773621732 | zohaibkhan181@gmail.com

Instrumentation Engineer

Engineering professional with 5 years of progressive experience in **Electrical and Instrumentation Engineering (Construction, Maintenance and Designing)** in reputed organizations while working in a multi-cultural environment and Proven ability to solve technical issues with well developed project management and leadership qualities.

Areas of expertise include:

- Distributed Control System (DCS)
- Programmable Logic Controller (PLC)
- Analyzers
- Process Control System (PCS)
- Construction
- Maintenance
- F & G System

Professional Experience

Organization: **Promatic Solutions India Pvt Ltd**

Oct 2017 – July 2018

Designation: **Senior Robotic Engineer (Sales & Project).**

Responsibilities:

- Installation, Programming, Troubleshooting and Training of Robot make FANUC.
- Project execution planning with Senior Manager.
- Providing daily report and current status of Project
- Managing Materials and Technicians as per the Project requirement.
- Chasing sales target set by Manager.
- Sourcing for New Clients and Vendors.

Organization: **Monarch Techno Engineering Solutions Pvt Ltd**

April 2017 – Oct 2017

Designation: **Instrumentation Design Trainee Engineer.**

Responsibilities:

- Detailed Engineering : Preparation of Cable Block diagram, Instrument location layout, cable trench layout, cable schedules, Interconnection diagrams, hook-up drawings, Instrument loop diagram, Functional logic diagram, Cause & Effect Diagram, I.O. List, System architecture diagram.

Organization: **Savio Engineerings**

Aug 2013 – March 2017

Designation: **Electrical and Instrumentation Engineer.**

Responsibilities:

- Configuring and faults diagnosis of DCS, PLC, SCADA, RTU, Profibus Communication, Analyzers and Control Loops.
 - DCS : C200/ C300 Honeywell

Khan Zohaib Ahmed

+91-9773621732 | zohaibkhan181@gmail.com

- PLC : Siemens simatic S7 200,300 and 400, Allen Bradley RS Logix SLC 5/04
- SCADA : RS View, WINCC/Siemens
- Installation, calibration and loop checking of the field instruments (Emerson Rosemount, ABB, Endress & Hauser, Bentley Nevada, Honeywell, Yokogawa, Vega, Polysonics.)
- Maintenance and calibration of the control valves (Pneumatic, Part turn, MOV, NRV.) of Weir Fox boro, siemens, Honeywell, Emerson, Flowserv.
- Experienced in flow meters configuring (electromagnetic, orifice plate, ultrasonic, turbine, variable area) of ABB, Rosemount, Grundfos.
- Managing Sub-Contractors and coordination with Vendors regarding the Configuration and Commissioning.
- Performing SAT for DCS, SIS, PLC and Analyser Systems.
- Loop Checks and calibration of Moisture, pH, Conductivity, Dissolved Oxygen, Oxygen, TOC, Turbidity Analysers and Gas Chromatographs.
- Planning Loop Check and coordinating with Client and Operation Department.
- Performing Loop Checks and Cause & Effect checks of Instrument and F&G systems.
- Performing Sequence checks and interlocks and alarm checks for all systems.
- Troubleshooting the issues during loop checks and making red mark ILD drawings.
- Attended the internal training programs in safety and fire fighting.
- Rectification of Online maintenance, Planned Maintenance, Shut down maintenance, Opportunity maintenance in control rooms.
- Calibration Report preparation (Calculation of Best measurement capability and tractability)
- Reporting periodically to Construction Manager about work activities and reports.
- Ensuring that all contractual / company and local authority requirements for Quality, Health, Safety & environments are complied with.
- Ensuring the implementation of project quality system and plan.
- Handling the manpower and planning the work activities.
- Preparing as-built drawings as per site condition.
- Reviewing of P&ID, Data sheets, layout drawings, Standard Drawings and start working accordingly.
- Co-ordination with client for solving technical issues relating to construction.
- Procurement Engineering : Preparation of Request for Quotation (RFQ), Technical Bid Analysis (TBA), Technical Query (TQ), Material Requisitions (MR) and Vendor Drawings review (VDR).

Organization: **Mitsubishi Electric India Pvt Ltd**

Jan 2013 – May 2013

Designation: **Testing Engineer.**

Responsibilities:

- Testing IOs and loading software of PLC and MMI.
 - Assembling of PLC parts.
 - Troubleshooting faults in PLC circuit.
 - Final Quality Assurance (FQA) of PLC.
-

Khan Zohaib Ahmed

+91-9773621732 | zohaibkhan181@gmail.com

Educational Qualifications

- B-Tech in **Instrumentation & Control Engineering** in 2013 from Maharashtra Institute of Technology, MH, India.
- Diploma in **Instrumentation Engineering** in 2010 from Bharti Vidyapeeth, MH, India.

Technical Skills

- Operating systems : Windows XP, 7, 8.
- Design Software's : MS Office, AutoCAD, SPI(In-tools) Version- 7 &9, Keil, LabView 8.5, Express PCB, Corel Draw.
- Programming languages : C, Visual basics.
- Control Programs : In-tools, Honeywell Experion C200 & C300 DCS, Siemens S7-200 & 300, Allen Bradley SLC-5/04.

Trainings & Certifications

- Smart Plant Instrumentation (In-tools)
- Process Instrumentation & Industrial Automation Training.
- STCW 95 (Fire Fighting, First AID, Personal Survival Techniques)

Personal Details

- Profile : Male, 26, Single, Indian, Muslim
- DOB : 21/08/1990
- Address : Kohinoor Heights, Flat 402, Sector-8E, Kalamboli, Navi Mumbai, India.
- Languages Known : English, Urdu, Hindi and Marathi
- Passport No. : Z2748736