



# Amitesh Kumar

## CONTACT

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## SKILLS

- Instrumentation Engineering
- Loop Testing & IO Testing
- Sensors and Actuators
- Instrumentation Calibration
- Process Automation
- DCS ,PLC & HMI
- Troubleshooting
- Commissioning Support
- Preventive Maintenance
- Instrumentation Design
- P&ID Diagram
- Technical Documentation
- Functional Safety
- Project Management Basic
- Analytical Skills
- Team Collaboration
- Interpersonal Communication
- Microsoft Office and AutoCAD

## PROFESSIONAL SUMMARY

Dedicated and accomplished Instrumentation and Control Engineer with 14 years of extensive experience. Proficient in Instrumentation and Control Engineering. Actively seeking challenging opportunities to apply expertise gained over 14 years, contributing effectively to organizational success through excellence in work and dedication.

## EXPERIENCE

July 2022 - August 2023

### Instrumentation and Control Engineer

Doosan Enerbility, Yanbu ,KSA

As an I&C Engineer for Yanbu#4 IWP project,

The following were My Job Roles:-

- Led field activities to assess and document the current state of installed control systems.
- Managed the commissioning process of newly installed instrumentation and control systems in the field, overseeing calibration and functional testing to ensure seamless integration and performance optimization.
- Teamed up with Automation vendor for Logic implementation and testing.
- Coordinated various departments for individual and group equipment trials as per standard logic specified by consultants, process engineers, and Operation Engineers.
- Managed project within cost and time-constrained environments

September 2021 - June 2022

### Instrumentation and Control Engineer

Sidem Veolia, Umm Al Quwain ,UAE

As an I&C Engineer for Umm-Al-Quwain SWRO IWP project,

My Job Roles:-

- Conducted loop testing and I/O testing of field instruments and control systems.
- Troubleshoot complex measurement systems and develop action plans.
- Configured and calibrated instruments and control systems to meet safety standards.
- Conducted periodic inspections of existing instrumentation and control systems for accuracy and reliability.
- Executed system test and commissioning activities in the field.

January 2017 - September 2021

### Instrumentation and Control Engineer

Doosan Heavy Industries and Construction, Oman & Kuwait

As an I&C Engineer, I was involved in the following projects:-

- Al-Ansab STP Phase-2 Projects, Oman
- Doha SWRO Phase-1 Project, Kuwait

## LANGUAGES

- **English**

Fluent

- **Hindi**

Native

- Sharqiyah IWP Project, Oman

My responsibilities encompassed the following tasks:-

- Documented all activities related to the installation, calibration, maintenance, repair, and testing of the instrument and control system.
- Analyze data from system operations to identify problems and develop solutions.
- Provided technical support to other departments regarding the use of instrumentation and control systems.
- Managed project team consisting of multiple stakeholders from different departments ensuring timely completion of assigned tasks within budget constraints.
- Understanding and ensuring compliance with relevant health and safety regulations and quality standards.

October 2011 - December 2016

### **Instrumentation Engineer**

UEM INDIA (A Toshiba Group Company), New Delhi

As an Instrumentation Engineer, I was involved in the following Projects:-

- Effluent Treatment Plant, Indian oil Refinery Barauni.
- Biological Treatment Plant, Bhusan Steel plant
- Integrated Effluent Treatment Plant HPCL Refinery Mumbai
- Sewage Treatment Plant, Jindal Steel Plant
- Effluent Treatment Plant, Indian oil Refinery Panipat
- Sewage Treatment Plants, Gurgaon and Akshardham

Following were My Job roles:-

- Developed commissioning plans and procedures for testing and validating instrumentation and control systems.
- Configured and calibrated instrumentation equipment to meet safety standards.
- Analyzed data from field instruments to identify trends or anomalies in performance
- Resolved complex operational issues by utilizing advanced troubleshooting methods.
- Performed preventative maintenance on industrial process control systems.
- Understanding and ensuring compliance with relevant health and safety regulations and quality standards.

December 2009 - October 2011

### **Project Analyst**

Smart Brains Engineers and Technologists, Ghaziabad

As a Project Analyst, following were my Job Responsibilities:-

- Prepared Instrument Index from P&ID.
- Defined specifications for instruments, including type, size, range, accuracy, calibration requirements, and other parameters.
- Scheduled cables and drums and finalized Termination Details.
- Generated BOM from hook-up drawings.
- Compiled IO list and constructed Loop Diagram

## EDUCATION

May 2009

**B.E in Electronics and Instrumentation Engineering**

Sathyabama University, Chennai

## CERTIFICATIONS

- Certificate in Industrial Automation