**SHRIPATH KAVALDAR**

**Instrumentation Design Engineer**

Room No: F-36,

Sector No : 3,

Airoli , Navi Mumbai,

Maharashtra-400708.

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**Career at a Glance:**

#  To be a successful Instrumentation Design & Detail Engineer by undertaking more challenging projects that gives an opportunity to work with standards and safety procedures and complete the successful one.

**Professional Summary:**

**2.7** Years of experience in Design Engineering having knowledge of **INtools** **(Oil & Gas)**

* Working as **–** E & I Engineer **in Anewa Engineering Pvt Ltd, Hyderabad (Subsidiary of NPCC Engineering Private Limited ‘NEL’ Mumbai)** from June 2017 topresent
* Worked as –Instrumentation Design Engineer in **Schneider Electric pvt. Ltd.,** Mumbai from March 2016 to June 2017.
* Worked as Design Engineer-Control and Instrumentation in **Monarch Techno Engineering Solution pvt ltd** , belapur Mumbai, India from August 2015 to march 2016

**Key Skills:**

* **Smart Plant Instrumentation (SPI-INtools) and Detail engineering :**
* Good knowledge and working hands on SPI (**INtools**) on all modules.
* Preparation of Instrumentation Index Sheet (INS) and I/O List.
* Preparation of Instrumentation Specification Sheet (ISS).
* Modification of existing Specification Sheets as per project requirement.
* Preparation of Loop Diagrams for Both Conventional & Foundation Field Bus (FF) using Enhanced Smart Loop in **INtools.**
* Performing cable scheduling in **INtools.**
* Preparation of Hook-ups diagrams in **INtools.**
* Knowledge on design of instruments and calculation using calculation module.
* **Basic Knowledge of Admin activities.**
* Smart plant Instrumentation installation & configuration
* Domain Backup, Initialization and Deletion
* Users, Departments, and Groups Management
* Domain and Project Administration
* Defining Naming convention
* Symbol Customization for ILDs
* Creation of Templates for ILDs and Hook-up using Symbol Editor
* Creation of Title Block for ILD and Hook-up using Symbol Editor

**Professional Experience Summary:**

**June 2017 - Present: - Anewa Engineering Pvt Ltd, Hyderabad;**

**Designation**: Instrumentation design Engineer

**Project Name**: Provision of Mastering Services 2D.

**Client**: ADNOC (Mastering), Horizons, Abu Dhabi.

**Software Version**: SPI 2013, SP2.

**Roles and Responsibilities:**

* Creating the Instrument Tags, Cables and JB, PLC and DCS Panels.
* Preparation of loop drawings for both Conventional & Foundation FieldBus with ESL.
* Acquire missing data from P&ID and CBD.
* Customization of Templates, Specification sheets, Title blocks on SPI and Info maker.
* Preparation of wiring Interconnection diagram between different entities in wiring module by Using SPI **INtools.**
* Co-ordination with project management departments
* Checking the Vendor package documents.

**Project Name**: Al-Khafji Joint operations – KJO

**Roles and Responsibilities:**

* Performing system side and Field wiring for Conventional and Fieldbus by preparation of Device panel, JB wiring, Marshalling panel wiring, I/O Cards connection for Redundant/Non-Redundant, IO Assignments, FF segment wiring, Cross Wiring in SPI (**INTOOLS**).
* Generating Loop Drawing activity using Enhanced Smart loop.
* Creation of Loop drawing templates with Enhanced Report Utility and Symbol Editor as per client requirement.
* Generation of instrument specification sheets using SPI V: 2016 & **Infomaker**.
* Creation of Symbols using Symbol Editor as per client requirement.
* PSR customization, Spec DD generations as per client requirement BUILT-IN project.

**March 2016 – June 2017: - Schneider Electric (Invensys);**

**Designation:** Instrumentation Design Engineer

**Project Name:** J3- JAMNAGAR PROGRAMME.

**Client Name:** RELIEANCES INDUSTRIES.

**Roles and Responsibilities:**

* Performing Wiring connection of both conventional and foundation field bus (FF) in SPI (**INtools**) with the help of termination details, cable scheduling, cross wiring schedule.
* Generation of Loop Reports using Enhanced Smart loop in SPI (**INtools**).
* MUX Wiring and loop generation in (**INtools**).
* Preparation of Instrument process data sheets Preparation of wiring & Auto wiring using import
* Scripts (Both conventional & field bus) diagrams.
* Preparation of loop drawing deliverables.
* Team Co- ordination.

**Aug 2015 – March 2016: - Monarch techno Engg.Solution Pvt. Ltd.**

**Designation:** Instrumentation design Engineer

**Major Projects Worked on are:** K.O.C. (Kuwait oil corporation)

 Khazzan. (Oman)

 BPCL –VGO (Vaccum Gas operation) Kochi Refinery

**Roles and Responsibilities:**

* Preparation of Instrumentation Index sheet (ISS) and I/O List.
* Preparation of Instrument Specification Sheet (ISS).
* Modification of existing specification sheets as per project requirement.
* Generating instrument Loop Diagrams for conventional and Foundation Field Bus (FF) using enhanced smart plant in **INtools**.
* Performing cable scheduling in **INtools**.
* Preparation of Specification Data Sheets from the Excel Input Datasheets

**Educational Qualifications:**

* Achieved **First Class in B.E. Instrumentation Engineering** from A.C.Patil College of Engg. Under Mumbai University in May 2015.
* Achieved **First Class in Higher Secondary Certificate Examination** (10+2) from Smt.Sushilsdevi Deshmukh Vidyalaya under Mumbai University in February 2011
* Achieved **Distinction in Secondary School Certificate** Examination (S.S.C) from Mazidun High School under Mumbai University in March 2009.

**Personal Details:**

Parent’s name : Mr. Gurunath K. & Mrs. Savitri K.

Date of Birth : 07/11/1992

Permanent address : Room No: F / 36,

 Sector No: 03, Airoli

 Navi Mumbai -400708, India.

Languages known : English,Marathi,Hindi (Write, Read and Speak)

 Kannada to Speak

Willing to relocate : Yes(National/International)

Availability to join : Immediately.

**Passport Details:**

Passport number & Place of Issue : P4431581, THANE MUMBAI

Date of Expiry : 06/11/2026

Place: **SHRIPATH KAVALDAR**

Date: