**CURICULUM VITAE**

**SAURABH GANDHI**

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**Career Objective**

* *To work in a challenging and creative environment and passionately contribute towards the goals of the Organization. To contribute the “Best Individual Efforts” in achieving Organizational Goal and to have continuous self & group enhancement by the way of learning and exposure through New Assignments.*

*“Nurture to Excel” looking for a Senior challenging assignment in Automation, Instrumentation and Control management with a MNC of repute to utilize acquired expertise to deliver best-in-class results.*

**Professional Summary**

* **Currently** working as Assistant Manager-Instrumentation in Grasim Industries Limited, Nagda (ABG) from July, 2019 to present and joined organization as an Instrumentation Engineer from July, 2017.
* **Previously** working through Aarvi Encon Pvt. Ltd. as Instrumentation Engineer (O&M) in Reliance Industries Limited, Jamnagar from January, 2017 to June, 2017.
* Maintenance professional with career success of 2+ years in steering diverse functional domains as experience in Control and Instrumentation Dept. at **M/s. Godawari Power And Ispat ltd. (Hira Group), Raipur (CG.) –** comprising of power plant of capacity 30 MW x 1, 25MW x1,10MW x2,China make and Triveni Steam Turbines from September, 2013 to January, 2016 .
* Good Understanding of Project Management Methodologies and strategies.
* Proven expertise in **85MW unit with ABB (Freelance); Yokogawa DCS Centum CS1000 & Centum VP** & **Siemens S7 300** PLC for Ash Handling system.
* Rich experience in maintenance of **AFBC** & **WHR Boilers and China made Turbine,** Yokogawa CO Analyser systems embedded with Allen Bradley PLC, Forbes Marshall Steam and Water Analysis System & Online Gas Analyser of M/s. Prima Equipment.
* Successfully exhibited excellence in facilitating cost effective maintenance strategies.
* **Good Understanding for carrying Safety Audit**.

**Professional Career**

1. Presently working in Grasim Industries Limited (A unit of Aditya Birla Group), Nagda (MP) as a Asst. Manager-Instrumentation since July, 2017 looking after Instrumentation Maintenance in Recovery Plant and Viscose manufacture in Staple fiber division.

**Job Profile**:

* Calibration & Measurements and Testing of Control Valves, Transmitters and also VFD checking work.
* Overhauling work of instruments installed in Spinning machines as a project work.
* Inspection of instruments by ITP checklist.
* Looking after **Yokogawa DCS Centum VP** as trained from Yokogawa India Limited, Bangalore.
* Doing Inspection of the inward materials as per the purchase order.
* Handling CAPEX schemes related jobs.
* Modification jobs, Batch process, HMI up gradation, **VFD troubleshooting**, handling **CS2 & Acid process control** instruments.
* Working on project related to Packaging unit troubleshooting guide and sensor indication on HMI overview and also with safety perception for ease in working on shop floor.
* **Project undergoing** for Installation & Commissioning of Instruments in Zero Liquid Discharge plant.
* **Project completion** of batch process i.e. dye mixing tank; safety interlocks for mechanical equipments; new fibre manufacturing named Dye Catcher fibre, Short-cut fibre; Filtration process of Spin Bath and Sump zone solution, Installation of CCTV with recording and big size display indicator in field as of important parameters.
* **Project of CSR: 1. Automatic Sanitizer Spray 2. Automatic prototype ventilator of low cost.**

1. Previously working in Reliance Industries Ltd, Jamnagar (J-3 Project) in Air separation unit through Aarvi Encon Pvt. Ltd, Mumbai as an Instrumentation Engineer from Jan-2017 to June-2017.

Key Skills:

* Control system such as PLC, DCS, SCADA, Allen Bradley PLC, Siemens S7 300 PLC, Automation, VFD, etc.
* Field Instruments like LT, PT, FT, TT (Rosemount, Yokogawa) and DVC type Control Valve (Fisher), SVI-II type Control Valve (Masoneilan), I/P Convertors, Positioners, etc.
* FF (Foundation Fieldbus) Protocol, “475 Fieldbus Communicator (HART)”, Scandura (WIKA) for FT, PT, LT Calibrator, TK-3e for Vibration Calibrator
* Petrochemical Refinery By-product Recovery Project.

**Job Profile**:

* Calibration & Testing of Digital Valve Control (DVC) types of Control Valves
* Calibration & Measurements of TT, PT, LT, FT through “475 Fieldbus Communicator (HART)” and Scandura
* Hot/Cold loop checking as the cables laid down for instruments
* Inspection of instruments by ITP checklist
* Doing Inspection of the inward materials as per the purchase order
* Impulse tubes are checking through Hook up drawing.

1. **Instrumentation & Control Engineer at M/s. Godawari Power and Ispat ltd. (Hira Group), Raipur (CG.)**

**Key Skills & Roles & Responsibilities:**

* Periodic checking of the system whether it is running properly or not.
* If required to change the logics with associated Engineers.
* In emergency time to force digital as well as analog parameters.
* Periodically checking of all the Pressure, Flow, Level Transmitters and if required calibrate it.
* Flow Measurement using Siemens Clamp On-Ultrasonic Flow meter.
* Working on **Load Management System** having **Rockwell Automation RSLogix 5000**.
* Done all control wiring.
* Checking of RTD & Thermocouple
* Calibration of Pressure gauges, Temperature gauges & Pressure switches.
* Hydrasteps for Boiler Drum level.
* Handled all Pneumatic Control Valve (MIL) and Motorized Valve (Auma, Rotark).
* Responsible for Trouble Free Working of all field Instruments, DCS and PLC.
* Working on **SAP PM/MM Module and ERP also**.
* Working on Online GAS Analyser (Prima Equipment), its maintenance and calibration work.

1. **Training with hands on working in different industries based on National Certificate of Automation Professional from NeoCreativeVisionTechnology, Vadodara.** Duration: **February 2016 to November 2016**

* **Programming** Allen Bradley, Siemens, Delta, Mitsubishi, ABB PLCs and troubleshooting.
* Creating new application with Wonder ware, Siemens S/W for various process/application & creating alarms, events real-time & historical time trending, M.I.S reports and its communication with hardware i.e. PLCs, controllers, HMI’s.
* Configured Human Machine Devices of TP170 Mono of Siemens, E 910 of Beijer make.
* **AC Drives** of Schneider Altivar 312, Bonfiglioli and Motor Controlling and wiring.
* **Panel designing** for PCC/MCC etc. Application with knowledge for DOL/ Start Delta Starters, knowledge for Control and power circuit Diagram as well GA Diagram.
* **Networking and Data Acquisition** of PLC to SCADA can use various Protocols like RS232, RS485, in AB DH+, DH485, in Siemens PPI & MPI, Profibus, Modbus etc.
* Can work for Programming, networking, and installation of Process Automation devices for On Line monitoring, controlling with total data acquisition.

**Working on different projects of Industries based on Software Training:–**

* Wonder wares in touch 7.1, 8.0 & 9.0. (SCADA S/W)
* Siemens Win cc (SCADA S/W)
* Simatic ProTool (HMI S/W)
* E Designer ( HMI S/W )
* AC31 Graf and CP Programmer for ABB PLC Family
* Step7 Microwin 32 for S7-200 Hardware Family.
* Melsec GX Developer for Mitsubishi Hardware Family
* Rs Logix 500, Rs Linx for Allen Bradley Hardware Family
* WPL Soft for Delta PLC Family.
* CT Soft S/W of Crompton Greaves for AC Drive Configuration

**Scholastics**

* 06/2019: **MBA in Operation Management** with 61% from **IGNOU, Delhi**
* 12/2018: **PG Diploma in Operation Management** with 61% from **IGNOU, Delhi.**
* 06/2018: **PG Diploma in Management** with 59% from **IGNOU, Delhi.**
* 06/2017: **Diploma in Management** with 60% from **IGNOU, Delhi.**
* 05/2013: **Graduated** with 65% in B.TECH (**Electronics Instrumentation and Control**

**Eng.**) from Global Institute of Technology, Jaipur (Raj.) i.e. RTU, Kota (Raj.).

* Intermediate: Passed with 67.9 **%** marks from Central Academy School, Kota in CBSE.

(2009)

* Matriculation: Passed with 69.3 % marks from ABPS, Kharach, Dist: Bharuch (Guj.) in CBSE.

(2007)

**Training Undertaken after graduation**

* Undergone 1week training at **Yokogawa India Limited, Bangalore** in Fundamentals and Engineering of Centum VP DCS and making project for machine equation, sequential in blocks present in programming logics and known about general study of DCS.
* Training as well as hands on experience in project related to logic making and graphics designing in different PLC’s and SCADA and worked in DCS as of ABB, Yokogawa and also worked on Rockwell Automation RSLogix5000.
* Undergone 4 weeks (1 June 2012 to 30 June 2012) training at M/s. Birla Cellulosic (A Unit Of Grasim Industries Ltd.), Kharach (Dist. Bharuch-Gujarat).

**Personal Dossier**

* Name : Saurabh Gandhi
* Date of Birth : 15th March 1991
* Languages Known : English, Hindi and Gujarati.
* Marital Status **:** Single
* Permanent Address : c/o Birla Cellulosic (A unit of Grasim Industries Ltd.)

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**Declaration**

* I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.
* I shall be thankful for applying to join your company. I also assure to be always Result Oriented through Superb interpersonal skills during tenure with your Organization.

**Saurabh Gandhi**

**Nagda, Madhya Pradesh**