

# SAGAR SURESH SONAWANE

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An enthusiastic & high energy driven professional, seeking challenging assignments in Automation an organization of repute

## Profile Summary

- A dynamic professional with **nearly 5 years** of experience in Project Coordination, Automation, Quality Assurance & Control, Operations & Maintenance and Process Enhancement
- Experienced in testing, manufacturing, design of C&R panel , numerical relay; exposure in handling site operations and accountable for quality service & timely completion of project
- Adept at carrying out various tests and inspection for various processes and checking the quality standards of final goods at suppliers' end
- Ability in ensuring that processes are conducted in accordance with guidelines and regulations
- Sound know-how of Electric & Electronic Automation.
- Skilled in enhancing process operations, thereby achieving the required quality level in the products
- An effective communicator with strong relationship management, analytical and problem solving abilities

## Skill Set

### Quality Control

- Inspecting and testing the products at various stages in the production process; establishing testing procedures to determine a product's dimensions and characteristics
- Overseeing the documentation of test results and preparing the data in the form of a graph or chart
- Conducting tests & inspections to ensure operational effectiveness of systems; planning & effectuating maintenance plans for machines and equipment
- Planning & implementing preventive & breakdown maintenance schedules of utilities

### Project Coordination

- Overseeing activities involving working out various requirements & monitoring overall project operations for ensuring timely completion
- Executing cost saving techniques / measures and modifications to achieve substantial reduction in O&M expenditures and work within the budget

### Automation Operations

- Selecting control schemes, identifying appropriate control system, ensuring enquiry specification preparation and selection of instruments based on type of application
- Managing process measurement and controlling instrumentation & services to monitor, record & optimize manufacturing processes

### Operations & Maintenance

- Overseeing execution of preventive maintenance of machine including schedules / shutdown maintenance to ensure trouble free and seamless operations; handling preventive & breakdown maintenance work for automation system
- Preparing various project reports for identifying areas of obstruction / defects, conducting troubleshooting, service and repair to rectify the equipment
- Carrying out inspection & testing of various equipment as per quality standards

### Design & Development

- Gathering product specifications & designing and modifying / upgrading existing designs using specialized software; providing design support to new product introduction of various products; getting approvals for prototype, making necessary modifications and releasing for production
- Responsible for analysis and producing technical requirements & specifications; recommending design modifications based on client requirements; monitoring product quality & impact of design modifications on product features
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## Organizational Experience

Since March 2020 working with GENN CONTROL INDIA PVT. LTD. , Coimbatore, TN as sales & marketing Engineer at Nashik ,Maharashtra.

Role:

- Promote Color sorter machine used in various industries like Rice/Dal mills, Agri industries , plastic industries, generate lead ,
- Handling customer project, consult to customer.
- Present product demo in front of client.
- Resolve technical issue & clarify to customer, negotiate to customer.
- Follow-up of customer.
- Visit customer site.

**July 18 to Dec.19 with Sensartics Pvt. Ltd.. Nasik as Product development Engineer**

**Role:**

- Documentation & Formatting of as per product standards . ISO 9001-2015 documentation .
- Development study on soil moisture sensors.
- Vendor inspection .
- Prepare bill of material (BOM).
- Production planning , Field visit for various prospects .
- Discussion with vendor & supplier regarding quality & availability of material .
- Work on Arduino Uno board for development purpose

**Oct'15 to June'18 with CTR MANUFACTURING IND. LTD. Nasik as Quality & Control Assistant Engineer**

**Role:**

- Assembly ,testing & design of HV panel .mfg of control & relay panel
- Documentation of control & relay panel as per standards . ISO 9001-2015 documentation .
- To assist the FAT (factory acceptance test).
- Testing of different types of numerical relay.
- Prepare bill of material (BOM).
- Vendor inspection .
- Discussion with vendor & supplier regarding quality & availability of material .
- Production planning .

**Sep'13 to Oct'15 with Gogate Electrosystems (N) Pvt. Ltd., Nasik as Quality & Control Engineer**

**Role:**

- Testing & troubleshooting various types CGI (Crompton Greaves Ltd.) series over current relays (OCR); handling documentation related works
- Checking out bill of material as per production planning & customer requirement

**Highlights:**

- Effectively performed troubleshooting of Processor Card of different types Over Current Relay (OCR) at PCB & component level
- Adeptly worked on Embedded System; carried out testing & programming of Relay through software
- Proactively involved in discussions with vendor for better quality & improvement for product & productivity
- Played an active role in enhancing Soldering Process at PCB line
- Undertook preventive action to prevent component damage while taking the specific temperature at specific component for Soldering Gun
- Successfully handled major assignments entailing testing procedure for various product in GEPL and testing jig's with the help of senior
- Managed projects like Spectronic 200 and Over Current Relay (OCR)
- Involved in designing by using various type controller like dsPICJ256GP710, LPC 2478

**Jun'12 to Dec'12 with Thermo Fisher Scientific Pvt. Ltd., Nasik as Trainee Engineer - Production Department**

**Projects Executed:**

**Project : SPECTRONIC-20**

**Description:** It was an embedded based project; used an arm controller LPC 2478.

**Role:**

- Carried out:
  - Testing & repairing of CPU of SPRCTRONIC-200
  - Assembly & testing of keyboard of SPRCTRONIC-200
  - Assembly & testing of Polychrometer
  - Assembly of SPRCTRONIC-200
- Handled calibration of SPRCTRONIC-200 and worked on the documentation .

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**Academic Projects**

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**BE**

PLC Project	:	Pressure Level & Water Level Controller on Simatic Manager with PLC S7300
SCADA/HMI Project	:	Pressure Level & Water Level Controller on Simatic WINCC
Project Title	:	Speaker Identification using VHDL based
Project Title	:	Power Saver LED Lamp using Remote Controlled
Project Title	:	Blind Stick using Microcontroller IC

## Professional Enhancements

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- 15 Days EXPORT IMPORT Training by UDYAMI MAHARASHARA.
- Digital Marketing course by digital platform .
- Attending 3 days govt. certified Training on solar energy design, calculation , installation & commissioning in April 18.
- Course of Certified Automation from TAACT, Nasik .
  - Electric & Electronic Automation
  - Design of Electro-Hydraulics & Pneumatics System
  - Handle the Siemens G110 Series AC Drive at Expert Level 3
  - Basic Allen Bradelly PLC, Advanced Siemens PLC
  - Siemens S700PLC & HMI/SCADA
- Training course of CCNA & Embedded System conducted by HCL in College Campus
- Automation Certificate Course from TAACT Nasik @ Jan'12

## Education

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- BE (E&TC) from Godavari College of Engineering, Jalgaon, N.M.U with 62.13% in 2012
- Diploma in E & TC from S.M.E.S. Polytechnic, Nasik, M.S.B.T.E. with 68.24% in 2008

## IT Skills

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- Conversant with MS Office, Auto cad 2013,2017, PLC Software Simatic Manger, SCADA Software SIMATIC WINCC, Basic Allen Bradelly PLC Software RSLogix Micro and , Handle Zenon scada software .

## Extramural Engagements & Accolades

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- Actively organized events and served as a Coordinator of an event at college festival.
- Participated in H.R.A. Training in college campus
- Took part in Aspire 2009
- Been an active member of drama group

## Personal Details

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Date of Birth: 17<sup>th</sup> June, 1989  
Permanent Address: Plot No. 13, Ganga - Bhagirathi, Uday Colony, Makhmalabad Naka,  
Panchawati, Nasik - 422003  
Languages Known: English, Hindi & Marathi