**CURRICULUM VITAE**

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**MANISH SOLANKI**

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To Seek a Challenging platform where my technical & organizational skills can be utilized to achieve organization’s goals and growth along with my personal development and enhancing my capabilities & skills.

**PROFESSIONAL SUMMARY**

* Knowledge of Embedded System & tools used in it.
* Worked on 8051, & AVR.
* Worked on LCD. LED, DC MOTOR, KEYPAD, SWITCHES-, SENSORS etc.
* Good experience in Technical Support of Weather Related Monitoring Systems.
* Taking the full responsibility of complete or assigned part of Project for Testing/ QA and finish it within given time limit.
* Good Experience in analyzing the data & performance of installed systems online.
* Worked on Geonica S.A. software & troubleshooting though monitoring the access data.
* Good experience with Team Viewer and Firmware Software.
* Performed Field/ Location testing, Data testing, Network testing.
* Worked with different Sensors/RTMS.

**PROFESSIONAL EXPERIENCE**

**SGS Weather & Environmental Systems Pvt. Ltd.** (September 2010 to March2014)

**Company Designation** **:** Project Engineer

**Work Designation :** Technical Support Engineer

**Company Profile** **:** The Company provides complete solution to all the requirements associated with Basic surface network. SGS provides Sensors, Data loggers, Automatic Weather Stations and related communication system. Customized system like Automatic Satellite Reporting Rain gauge systems are also manufactured by us meeting user specialized requirements.

* [Automatic Weather Stations](http://www.sgsweather.com/meteorological_systems.html)
* [Automatic Rain Gauges](http://www.sgsweather.com/meteorological_systems.html)
* [Met Sensors](http://www.sgsweather.com/meteorological_systems.html)
* [Calibration and standardization systems](http://www.sgsweather.com/meteorological_systems.html)
* [Climate Observation Systems](http://www.sgsweather.com/meteorological_systems.html)
* [Numerical Weather Computing Systems](http://www.sgsweather.com/meteorological_systems.html)
* [Forecaster Workstations](http://www.sgsweather.com/meteorological_systems.html)
* [Network Solutions](http://www.sgsweather.com/meteorological_systems.html)
* [Data Accusation Systems](http://www.sgsweather.com/meteorological_systems.html)

**Responsibilities**:

* To diagnose & solve customer reported issues.
* Qualities check of data and installed instruments like data logger, sensors and wiring.
* Responsible for scheduling, financial, and technical requirement in compliance with industry, company and regulatory standards. Make schedule to execute or implement the assigned project.
* Acquire product knowledge.
* Liaison with Clients, Sub Contractors or Agencies, etc.
* Coordinating with programmers/project coordinator.
* Training to the client. Handover to the client.
* Managed team of four Engineering Persons, including hired Consultants and Employees.
* Monitor and develop Engineering Budgets for product line.
* Provide advice on integration of all product line technical aspects

**Tools Used:**

* Geonica S.A. Software, Magnetic Compass.
* Multimeter

**PROJECTS HANDLED AND OTHER TECHNICAL DETAILS**

* **AWS (Automatic Weather Station**)Real time monitoring of Automatic Weather Station for **State irrigation department, Lucknow.**
* **RTNMS (Real Time Noise Monitoring System)** Real time monitoring of automatic Noise Monitoring station for **Central Pollution Control Board, Delhi.**
* **ASRMS (Automatic Solar Radiation Measuring System)** Real time monitoring automatic solar radiation & other environmental parameters for Center of Wind Energy Technology (CWET).
* Analyzed data for “**Tsunami Alert Systems**”at sea coasts for **INCOIS** (Indian National Center for Ocean Information Services).
* Title: **LINE FOLLOWER, WALL FOLLOWER & NEVER FOLLWER ROBOT**
* Tools and Technologies used: AVR studio, Atmega16, IR sensor, etc
* Roles and Responsibilities:
* Programming & Testing
* Project Summary:It is a robot which move forward, backward, left & right on the floor, even with wall according to the sensors received the signal from soruce.

* Title: **WIRE-LESS ROBOT**
* Tools and Technologies used: DC geared moter, RF modul , Atmega16 board etc
* Project Summary: It is a kind of machine which can easily move by using wireless instructions. It is a robot which move forward, backward, left & right on the floor, according to the wireless signal received from transmitter soruce.
* Title: **DIGITAL CLOCK**
* Tools and Technologies used: AVR studio, Atmega16, LCD etc
* Title: **TRAFFIC LIGHT** **SOFTWARE**(Single and Double)
* Tools and Technologies used: 8051, L293D IC, DC Motor.
* Title: **LCD MENU CARD**
* Tools and Technologies used: 8051, LCD (16\*4).
* Title: **MOBILE OR CALCULATOR KEYPAD INTERFACING**
* Tools and Technologies used: 8051, LCD (16\*4), keypad.
* Title: **LED MATRIX**
* Tools and Technologies used: 8051, LED Matrix.

**TRAINING UNDERTAKEN**

1. Undergone 6 weeks training on Working and Specifications of different types of X-Ray Machines in **ADISON MEDICAL SYSTEM ,NAGPUR**.
2. Undergone 6 weeks training on Embedded System in **Hi- Technologies Institute Kalkaji**, **New Delhi**

**TECHNICAL SKILLS**

**Operating Systems :** Windows 95/98/2000/XP/Vista, 2007.

**Functional Area :** Manual testing on Weather Instruments

**Microsoft Applications : :** MS Office (Word, Excel, PowerPoint, Outlook)

**Languages :** C, Embedded C.

**EDUCATION:**

* Bachelor of technology in Electronics Instrumentation & Control Engineering (2006-2010).
* 12th from CBSE Board Delhi in 2003-2004.
* 10th from CBSE Board Delhi in 2005-2006.

**PERSONAL DETAILS :**

DOB : 12-08-1990

FATHER’S NAME : MR. NARENDRA SOLNKI

NATIONALITY : INDIAN

MARITAL STATUS : UNMARRIED

LANGUAGES KNOWN: HINDI, ENGLISH.

**HOBBIES & STRENGHTS :**

* In my entire life experience I found myself a good Hard-worker.
* Punctual, Ability to grasp knowledge Quickly, Self Determined, Team Player, Eager to learn.
* Good leadership qualities.
* Listening music, playing cricket.

**DECLARATION:**

I hereby declared that all the above statement is true to the best of my knowledge and belief.

**DATE:**

**PLACE:**

**(MANISH SOLANKI)**