**Santosh Ramsavad Prajapati (4 Year** Industrial Automation and Control Systems**)**

**==========================================================**

**Address:** Plot no-195A, Flat no-04

Om-rishkesh appt, Shivganga nagar

Ambarnath (e), Thane-421501

**Mobile: 9049540305**

**E-mail Id:santoshprajapati78@gmail.com**

**WORK EXPERIENCE:**

* 22 Nov. 2011 TO 15 Nov 2012 : **M/S Digital Systems (Automation Products)**
* 16 Nov. 2012 To 31 March 2015 :**M/S Chavare Engineering Pvt. Ltd**
* 1 April 2017 To 16 Aug 2017 : **Precise Indust. Solution Pvt. Ltd**
* 9 Oct 2017 To Till Date :**Sarla Advantech Pvt Ltd**
* Designation                       : Project Engineer(PLC Department).
* Department                 : Development (PLC and SCADA based Control Panel)
* Company Profile             : An ISO 9001-2000 Certified Company. Manufacturer of PCC, MCC, Control Panels, PLC based Plant and machinery automation and solution provider.

**JOB PROFILE:**

* PLC Program Development.
* Design of SCADA.
* Testing of Electrical control panel.
* Modification on Site.
* Commissioning of Industrial Plant
* HMI Program development
* PLC module calibration

**ADDITIONAL RESPONSIBILITY:**

* Direct Client and Suppliers Interaction.
* Providing the Client Specific Solution.

**SECTOR:**

* Water and Waste Water Treatment
* Bottle filling and capping Machines
* Pharmaceuticals
* Pneumatic Conveying System
* Chemical Plant
* Batching Plant
* Bin washing system
* RO and UF Plant

**BRIEF OVERVIEW OF COMPLETED PROJECT**

|  |  |
| --- | --- |
| **PLC/ HMI / Drives** | Allen Bradley:   * MicroLogix: 1100, 1200, 1400, ControlLogix L61 * Panel View & Plus: 600   Siemens:   * CPU-1200,200,1500,CPU-IM151PNDP * KTP 600.Profinet & Profibus.KTP-400   Mitsubishi:   * FX Series : FX2N, FX3U, FX3G, FX3G-E,FX1S * Q Series : Q00J,Q25PRH,Q06UDEH * E-Designer, E-1012,E-300,E-1101,E-1061,E-1032,E-410,GOT-1000 Series GOT 2000 SERIES, Crimson HMI |
| **PLC / SCADASoftwares** | Rockwell:   * RSLogix500 V8.3, RSLogix5000 * Factory Talk View SE/ME V6.0, 6.1   Siemens:   * Wincc Flexible & TIA Portal V.12, V.13   Mitsubishi:   * GX Developer V8.7 IEC Developer-V7.04,GX Works2 V1.51,V1.91 |
| **Protocols / Standards** | * Ethernet TCP/IP * Ethernet IP * RS 232 * Modbus- RS485 * CC Link |

**Project Details**

|  |  |
| --- | --- |
| **Project Name** | **Pneumatic Conveying System. India** |
| **Scope** | Configuring, Programming and commissioning |
| **Process Description** | Alumina transporting system from rail bogies to SILOs using pneumatic pressure in pressure vessel. |
| **Project Systems** | * Siemens CPU 1200 * HMI-KTP 600 |
| **Responsibilities** | * Logic Development. * HMI Development * FAT * SAT * Site Commissioning |
| **Project Name** | **Sun Pharma, Halol. India** |
| **Scope** | Configuring, Programming and commissioning |
| **Process Description** | Solution and Suspension of Vessel |
| **Project Systems** | * Siemens CPU 1500 * HMI-KTP 600 * Profinet * Modbus |
| **Responsibilities** | * Logic Development. * HMI Development * Site Commissioning |

|  |  |
| --- | --- |
| **Project Name** | **West Water Treatment, United Kingdom** |
| **Scope** | PLC Software |
| **Process Description** | The Project consists of Control and Automation designing Of West Water Treatment. RGF & PF Section, Inlet Section, DAF.  All Three Communicating with CC Link. Redundant PLC |
| **Project Systems** | * QCPU-25PRH * CC Link * Redundant Setting |
| **Responsibilities** | * PLC Software Development with Rockwell software GXWorks2 V1.51  1. Pump Control 2. Communication with CC Link All Thee Redundant PLC  * Development PLC Code   Software Testing |

|  |  |
| --- | --- |
| **Project Name** | **Orson Chemical, WADA** |
| **Scope** | PLC Program Development & Documentation, IO Testing, Configuration |
| **Process Description** | Automation of Storage and Reactor Control area which  included:   1. Storage Area 2. Transfer Pump 3. Reactor Control |
| **Project Systems** | * RSLogix500 * Micrologix1400, Ethernet * PV-600 |

|  |  |
| --- | --- |
| **Project Name** | **Bottle Filling and Capping Machine.( Multiple projects executed) India** |
| **Scope** | Panel Testing, I/O testing, PLC Logic, HMI application development & commissioning. |
| **Process Description** | Logic Development of Filling and Capping machine of capacity 60 bottles per minute. |
| **Project Systems** | * MicroLogix 1400 HMI - PV-600, FX3G,FX3G-E HMI-E1101,E1061 * Ethernet |
| **Responsibilities** | * PLC Logic, HMI development * Panel testing * Commissioning & coordination with client. |

|  |  |
| --- | --- |
| **Project Name** | **Sewage Water Treatment Plant (20 to 105 MLD Multiple projects executed)India** |
| **Scope** | Design, Development, FAT, SAT and Documentation |
| **Process Description** | Sewage treatment plant automation with energy monitoring. |
| **Project Systems** | * CompactLogix1769-L32E * IX Pro 15 |
| **Responsibilities** | * PLC Application Software Development * HMI Application Software Design and Development * Software Integration and testing of PLC and HMI Application. * FAT, SAT * Documentation for the project |

|  |  |
| --- | --- |
| **Project Name** | **West Water Treatment Plant (United Kingdom)** |
| **Scope** | Configuring, PLC Programming, HMI Programming |
| **Process Description** | Dosing System |
| **Project Systems** | * Mitsubishi make Q6UDEH PLCs * E-1101 * Beijer HMI * Ethernet |
| **Responsibilities** | * PLC & HMI Program Development * Integrated testing of PLC and HMI Application Software.   Documentation for the project |

|  |  |
| --- | --- |
| **Project Name** | **West Water Treatment, United Kingdom** |
| **Scope** | PLC Software |
| **Process Description** | The Project consists of Control and Automation designing Of West Water Treatment. RGF & PF Section, Inlet Section, DAF.  All Three Communicating with CC Link. Redundant PLC |
| **Project Systems** | * QCPU-25PRH * CC Link * Redundant Setting |
| **Responsibilities** | * PLC Software Development with Rockwell software GXWorks2 V1.51  1. Communication with CC Link All Thee Redundant PLC  * Development PLC Code   Software Testing |

|  |  |
| --- | --- |
| **Project Name** | **RO & UF PLANT Mahindra & Mahindra, Nagpur & Pidilight-Vapi** |
| **Scope** | Configuring, Programming, Installation, Commissioning, |
| **Process Description** | Sewage treatment plant automation with energy monitoring. |
| **Project Systems** | * Mitsubishi make FX3G-E PLCs * E-1101 * Beijer HMI * Ethernet |
| **Responsibilities** | * PLC & HMI Program Development * Integrated testing of PLC and HMI Application Software Integration * FAT, SAT, Documentation for the project |

**ACADEMIC BACKGROUND:**

* **BE Instrumentation** from North Maharashtra-Government College of Engineering Jalgaon in 2011 with 64.73%
* Diploma(Instrumentation) from VPM‘s Polytechnic -M.S.B.T.E in 2008 with 60.46%
* S.S.C.from State board Pune in 2003 with 55.73

**PERSONAL PROFILE:**

Father’s Name: Ramsavad Prajapati

Date of Birth: 28/07/1987

Gender: Male

Nationality: Indian