**Curriculum Vitae**

**Name :** Rahul Suresh Shinde

**Address :** 301, Plot no 08, Sector 17, Ulwe Navi Mumbai 410206

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**Career Objective**

Looking forward for a job which would provide the competitive as well as professional environment that would help me to flourish, hence achieving my as well as organizational goal.

**Educational Qualification**

* Bachelor of Engineering in **Instrumentation** from **A. C. Patil College of Engineering, Kharghar** in **MAY 2015** with **65.57%**in **8th semester**
* HSC from **Yojana Jr. College, Borivali** in **FEB 2011** with **58.33%**
* SSC from **Vidyamandir High School, Dahisar**  in **MARCH 2009** with **71.84%**

**Industrial Training**

* **Industrial Automation Training** done at **Precon Ltd**-(Thane) in 2015
* Has undergone the training programme on **Basic course on Automation** conducted at

**Siemens**- (Kalwa) in 2014

**Current Experience**

**Duration**: From 12th OCTOBER 2015 till present.

**Designation:** PROJECT ENGINEER – E1 (DELTA V DCS SYSTEM)

**Company Name:** TECHNIX A.C.S. (Automation and Control Solutions) PVT.LTD.

**About Company:**

TECHNIX ACS Pvt. Ltd. is a leading industrial automation control solution company, Executing automation (Continuous & Batch process) Projects of EMERSON PROCESS MANAGEMENT INDIA PVT LTD. It is System Integrator of EMERSON and dealing with DCS (EMERSON’S DELTAV DCS) Based projects (Includes software Development and programming, Process Graphics Development, Site commissioning Services and DCS panel designing and manufacturing).

**Job Description and Roles:**

1. Studying Technical Specifications and Inputs given by customer.
2. DCS Panels Heat Load Calculation, UPS Power calculation and Sizing, Power Supply sizing for DCS Panels.
3. I/O Allocation and Configuration as per I/O instrument index sheet given by Client (Which Includes Assigning DCS and Field Tags to Channel s, Description assigning to Tags, Alarms assignment and AI Tags ranges defining, Preparing Loop Types for software purpose etc.)
4. Software Database Development, Interlocks Expression development, Sequence Logic development, Cascade PID Logic development in STRUCTRED TEXT and FBD programming Languages.
5. Phases Logic Development (PLM) as Per PCSD configuration in STRUCTRED TEXT and FBD programming Languages
6. EM (Equipment Module) Logic Development as Per PCSD configuration in STRUCTRED TEXT and FBD programming Languages.
7. Development of BATCH as Per PCSD configuration in STRUCTRED TEXT and FBD programming Languages
8. I/O Hot Loop Checking on site and troubleshooting if any problem occurred during loop checking like checking wiring as per drawings, Checking channel address for particular tag, Barrier connection checking, Checking earthing, checking proper and required voltage/current for that loop etc.
9. Performing DCS Panels Power up procedure on Site before powering up panel like, Checking Panel and Instrument Earth resistance by Earth Tester, Incoming UPS voltage, checking of system power supply voltages as per required ratings, controllers voltage checking ,verifying controller’s and workstation’s connection on LAN network are healthy.
10. Implementing MODBUS, PROFIBUS communication between EMERSON’S DELTA V DCS and PLC, VFD, IMCC AND ETC. (SIEMENS, ROCKWELL AND ETC.) as per requirements on site
11. Commissioning and Calibrating of Analog Transmitters and Control Valves connected on FOUNDATION FIELDBUS Platform at site.
12. Implementing communication between STHAL’S HMI, Mobile TAB and DCS.
13. Configuration of Backup and Recovery System for DCS.
14. IQ, OQ Document development of DCS and performing IQ, OQ for DCS on site.
15. Process Graphics development on SCADA software as per P&ID.
16. Conducting FAT & SAT with complete site commissioning for DCS Software System.
17. Generating time based Reports on DELTA V Reporter.
18. Installation and Configuration Symantec Antivirus software on Engineering and Operator workstation.

**CurrentProject**

1) **Client’s Name and Location**: DECCAN FINE CHEMICAL (INDIA) PVT. LTD., Ankleshwar, Gujarat.

**Project Name**: PROCESS AUTOMATION SYSTEM FOR AC5 PLANT

**Project Type & No. of I/O’s**: Batch Project with 10,000 I/O’s

**Roles and Responsibilities:** ON SITE

1. Software Database development in DCS Delta V Explorer software for different Classes (PID, SOV Valve, Motor, AI, DI, DO, AO, Totaliser etc).
2. BATCH TRIAL(WATER TRIAL AND CHEMICAL TRAIL) of Process
3. BATCH Logic Development as per PCSD Configuration
4. EM AND PLM Logic Development as per PCSD Configuration.
5. Interlock Expression Development as per Given Interlocks in P&ID Sheets.
6. Implementing PROFIBUS Communication between DELTA V DCS and TURCK RIO (Remote I/O) ,PLC, VFD , IMCC etc. on site
7. Commissioning and Calibrating of Analog Transmitters and Control Valves connected on FOUNDATION FIELDBUS Platform at site.
8. I/O Hot Loop Testing on site for Field Devices connected in Plant.
9. Performed DCS Panels Power up procedure on Site before powering up panel like, Checking Panel and Instrument Earth resistance by Earth Tester, Incoming UPS voltage, checking of system power supply voltages as per required ratings, controllers voltage checking ,verifying controller’s and workstation’s connection on LAN network are healthy
10. Time based Reports development on DELTA V Reporter.
11. Graphics Development on SCADA software as per P&ID’s Given By Client

2) **Client’s Name and Location**: HENKEL ADHESIVE TECHNOLOGIES INDIA PVT. LTD., Kurkumb, Pune.

**Project Name**:HENKEL GANESHA DCS PLANT

**Project Type & No. of I/O’s**: Batch Project with 5,000 I/O’s

**Roles and Responsibilities:** ON SITE

1. Software Database development in DCS Delta V Explorer software for different Classes (PID, SOV Valve, Motor, AI, DI, DO, AO, Totaliser etc).
2. BATCH Logic Development as per PCSD Configuration
3. 500 nos. RECIPE Development and Testing.
4. EM AND PLM Logic Development as per PCSD Configuration.
5. BATCH TRIAL(WATER TRIAL AND CHEMICAL TRAIL) of Process
6. Commissioning and Calibrating of Analog Transmitters and Control Valves connected on FOUNDATION FIELDBUS Platform at site.
7. Interlock Expression Development as per Given Interlocks in P&ID Sheets.
8. Graphics Development on SCADA software as per P&ID’s Given By Client

**OTHERProjects**

1) **Client’s Name and Location**: ATUL LTD., Valsad, Gujarat.

**Project Name**: DCS SYSTEM FOR RDL PLANT

**Project Type & No. of I/O’s**: Semi-Batch Project with 2000 I/O’s

**Roles and Responsibilities:** IN OFFICE

1. Software Database development in DCS Delta V Explorer software for different Classes (PID, SOV Valve, Motor, AI, DI, DO, AO, Totaliser etc).
2. PLM Logic Development as per PCSD Configuration.
3. Interlock Expression Development as per Given Interlocks in P&ID Sheets.
4. Graphics Development on SCADA software as per P&ID’s Given By Client
5. Performed DCS Panels Power up procedure on Site before powering up panel like, Checking Panel and Instrument Earth resistance by Earth Tester, Incoming UPS voltage, checking of system power supply voltages as per required ratings, controllers voltage checking ,verifying controller’s and workstation’s connection on LAN network are healthy

2) **Client’s Name and Location**: CIPLA LTD., PATALGANGA, PANVEL (NAVI-MUNMBAI).

**Project Name**:DCS SYSTEM FOR API-1 PLANT

**Project Type & No. of I/O’s**: Semi-Batch Project with 2500 I/O’s

**Roles and Responsibilities:** ON SITE

1. Software Database development in DCS Delta V Explorer software for different Classes (PID, SOV Valve, Motor, AI, DI, DO, AO, Totaliser etc).
2. BATCH TRAIL (WATER TRIAL AND CHEMICAL TRAIL) of Process
3. PLM Logic Development as per PCSD Configuration.
4. Interlock Expression Development as per Given Interlocks in P&ID Sheets.
5. Performed DCS Panels Power up procedure on Site before powering up panel like, Checking Panel and Instrument Earth resistance by Earth Tester, Incoming UPS voltage, checking of system power supply voltages as per required ratings, controllers voltage checking ,verifying controller’s and workstation’s connection on LAN network are healthy
6. Implementing PROFIBUS Communication between DELTA V DCS and TURCK RIO (Remote I/O) ,PLC, VFD etc. on site
7. Commissioning and Calibrating of Analog Transmitters and Control Valves connected on FOUNDATION FIELDBUS Platform at site.
8. I/O Hot Loop Testing on site for Field Devices connected in Plant.
9. Time based Reports development on DELTA V Reporter.
10. Graphics Development on SCADA software as per P&ID’s Given By Client

3) **Client’s Name and Location**: UPL LTD., Bharuch, Gujarat

**Project Name**:DCS SYSTEM FOR UNIT-5 UPL-UPH-207 PLANT

**Project Type & No. of I/O’s**: Semi-Batch Project with 1800 I/O’s

**Roles and Responsibilities:** ON SITE

1. Software Database development in DCS Delta V Explorer software for different Classes (PID, SOV Valve, Motor, AI, DI, DO, AO, Totaliser etc).
2. BATCH TRAIL (WATER TRIAL AND CHEMICAL TRAIL) of Process
3. PLM Logic Development as per PCSD Configuration.
4. Interlock Expression Development as per Given Interlocks in P&ID Sheets.
5. I/O Hot Loop Testing on site for Field Devices connected in Plant.
6. Graphics Development on SCADA software as per P&ID’s Given By Client
7. Conducted SAT with complete site commissioning for DCS Software System

4) **Client’s Name and Location**: HARMAN LTD., AURANGABAAD, MAHARASHTRA.

**Project Name**:DCS SYSTEM FOR API-1.

**Project Type & No. of I/O’s**: Semi-Batch Project with 3000 I/O’s

**Roles and Responsibilities:** IN OFFICE

1. Software Database development in DCS Delta V Explorer software for different Classes (PID, SOV Valve, Motor, AI, DI, DO, AO, Totaliser etc).
2. PLM Logic Development as per PCSD Configuration.
3. Interlock Expression Development as per Given Interlocks in P&ID Sheets.
4. Graphics Development on SCADA software as per P&ID’s Given By Client

5) **Client’s Name and Location:**  SRF Ltd., Bhiwadi, Rajasthan

**Project Name:**  DCS FOR SRF-SR1 PIOLOT Plant.

**Project Type & No. of I/O’s:** Continuous Project with 2500 I/O’s.

**Roles and Responsibilities:** ON SITE

1. Software Database development in DCS Delta V Explorer software for different Classes (PID, SOV Valve, Motor, AI, DI, DO, AO, Totaliser etc).
2. Interlock Expression Development as per Given Interlocks in P&ID Sheets.
3. Implementing PROFIBUS Communication between DELTA V DCS and PLC

on site

1. Commissioning and Calibrating of Analog Transmitters and Control Valves connected on FOUNDATION FIELDBUS Platform at site.
2. Performed DCS Panels Power up procedure on Site before powering up panel like, Checking Panel and Instrument Earth resistance by Earth Tester, Incoming UPS voltage, checking of system power supply voltages as per required ratings, controllers voltage checking ,verifying controller’s and workstation’s connection on LAN network are healthy
3. I/O Hot Loop Testing on site for Field Devices connected in Plant.
4. Time based Reports development on DELTA V Reporter.
5. Graphics Development on SCADA software as per P&ID’s Given By Client

6)  **Client Name and Location:** BAYER Ltd., Vapi, Gujarat.

**Project Name:** DCS FOR DICO, CYFO, WWPT, EFSO PLANT.

**Project Type & No. of I/O’s:**Semi-BatchProject with 1400 I/O’s

7)  **Client Name and Location:** OCCL Ltd., Mundra, Kutch, Gujarat.

**Project Name:** DCS FOR U3 FACILITY.

**Project Type & No. of I/O’s:**Semi-Batch Project with 1800 I/O’s

8)  **Client Name and Location:** GHARDA CHEMICAL Ltd., Chiplun, Maharashtra.

**Project Name:** DCS EXPANSION FOR PLANT-2.

**Project Type & No. of I/O’s:** Continuous Project with 1200 I/O’s

9)  **Client Name and Location:** SOLAR Ltd., Nagpur, Maharashtra.

**Project Name:** DCS FOR PP-18.

**Project Type & No. of I/O’s:** Continuous Project with 1300 I/O’s

10)  **Client Name and Location:** VINATI ORGANICS Ltd., Chiplun, Maharashtra.

**Project Name:** DCS FOR IB UPGRADATION.

**Project Type & No. of I/O’s:** Continuous Project with 1500 I/O’s

**Personal Details**

* Date of Birth : 30th August 1993
* Marital Status : Single
* Nationality : Indian
* Languages : Marathi, Hindi, English
* **‘Wireless Amphibot**