**RIJOSH THOMAS**

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**PROJECT ENGINEER /AUTOMATION ENGINEER**

A versatile, high-energy professional with the skills in executing prestigious projects of large magnitude within strict time schedule.

* PROJECT ENGINEER
* INSTRUMENTATON AND CONTROL ENGINEER
* AUTOMATION ENGINEER
* DCS ,SCADA ENGINEER

**PROFILE SNAPSHOT**

Over 3 years of experience in:

**• Project Engineering • DCS Engineering • I &C Engineering**

**• Site Commissioning • Service engineering • PLC./SCADA Programming**

**• Instrument Calibration • Team Management**

**Key Skilled Areas:**

* PLC & SCADA Programming: Allen-Bradly (Rockwell) 1200 (MicroLogix controller), RSLogix-500, Studio-5000 for SCADA, FactoryTalk View SE for HMI graphics ,Schneider Electric Modicon PLCs, VIJEO citect SCADA and VIJEO designer HMI.
* DCS Designing and programing, BATCH programming of Emerson DeltaV system.
* Programing in ladder, ST,FBD and SFC
* Instrument Calibration: Flow Transmitter (Magnetic, ultrasonic, Vortex), Pressure Transmitter (DPT, PT), Temp. Transmitter, RTD, Level Transmitter.
* Standard operating procedure (SOP) preparation: Instruments Calibration SOP, Preventive maintenance SOP
* Site Activities: Instruments loop checking, Configuration of instruments using Field communicator (475-HART/FF communicator), Engineering ASBUILT documents related walk down, Instrument installation supervision, Instrument troubleshooting during operation.
* Worked with different instruments communication type like, Conventional (HART),Profibus, Profibus-DP, Modbus etc.
* Managing day-to-day construction scheduling & monitoring the same for timely completion of job
* Coordinating with contractors, team members & other officials for ensuring effectiveness of site activities
* Reviewing & analyzing tender documents and scope of work provided by the client
* Conducting detailed Study of BOQ, Technical Specifications & incorporated various factors coming out of contracts
* Tracking activities of site contractor’s supervisors/ foremen dealing with the execution of site works in accordance with the approved drawings / Procedures and standard engineering practice.

**EMPLOYMENT HISTORY**

1. IB AUTOMATION Pvt ltd JAN, 2017 TO TILL NOW (working as third party for EMERSON PROCESS MANAGEMENT)
2. SUN INDUSTRIALAUTOMATION AND SOLUTION. (on contract , ABS)

(AUG, 2014 – DEC, 2016)

**ORGANIZATIONAL EXPERIENCE**

Feb’17-till date **JUBILANT GENERICS LTD., NANJANGUD AS PROJECT ENGINEER**

Project: Plant-6, Stream-3, DCS system, (TURNKEY PROJECT) I/O Count= 2000

Responsibility

* Site survey for project feasibility, DCS designing, installation.
* Commissioning of instruments and updating the client requirement in DCS.
* Configure and calibrate instrumentation, including level, pressure, flow, temperature,

and connecting to the DCS system.

* Third party system integration with DeltaV system using Modbus DP and serial communication.
* Participate in the testing and startup of the process equipment, instruments and DCS system to ensure the DCS system monitors and controls the equipment as intended.
* Train operations personnel on the use, maintenance and troubleshooting of the DCS system hardware, software and installation.
* Participate in QA/QC activities for both the design deliverables produced by the design team and the code developed by the controls team.

Jan’17  **ASHAPURA BENTONITE PLANT AS PROJECT ENGINEER**

Project: PLC SCADA system,(CONVEYOR AUTOMATION) I/O Count=250

Responsibility

* Site survey for project feasibility, PLC, SCADA designing, installation.
* Commissioning of instruments and updating the client requirement in SCADA
* Configure and calibrate instrumentation, including level, pressure, flow, temperature and connecting to the PLC and SCADA system.
* Participate in the testing and startup of the process equipment, instruments, PLC and SCADA system to ensure the SCADA system monitors and controls the equipment as intended.
* Train operations personnel on the use, maintenance and troubleshooting of the PLC, SCADA system hardware, software and installation.

Jan ‘17 **SUN PHARAMA. SCADA AND PLC DEVELOPMENT ENGINEER**

Project: PLC, SCADA,(PLC AND SCADA DESIGNING AND DEVELOPMENT) I/O count = 700

Responsibility

* Graphics design for SCADA, PLC programming

DEC’14-DEC’16 **MUNCIPAL CORPORATION OF GREATER MUMBAI AS PROJECT ENGINEER**

Project: Telemetry SCADA & PLC programming (WATER TREATMENT AND

DISTRIBUTION), I/O Count= 2300

Responsibility

* Site survey for project feasibility, PLC programming, SCADA and HMI designing, installation.
* Commissioning of instruments and updating the client requirement in SCADA and PLC.
* Configure and calibrate instrumentation, including level, pressure, flow, temperature and connecting to the SCADA system.
* Participate in the testing and startup of the process equipment, instruments and SCADA system to ensure the SCADA system monitors and controls the equipment as intended.
* Train operations personnel on the use, maintenance and troubleshooting of the SCADA system hardware, software and installation.
* Participate in QA/QC activities for both the design deliverables produced by the design team and the code developed by the controls team.

DEC’14-DEC’16 : **MUNCIPAL CORPORATION OF GREATER MUMBAI**

**AS INSTRUMENTATION ENGINEER**

Project: Instrumentation & PLC programming (WATER TREATMENT AND

DISTRIBUTION), I/O Count= 2300

Responsibility

* Configure and calibrate instrumentation, including level, pressure, flow, temperature,

And connecting to the SCADA system.

* Participate in the testing and startup of the process equipment, instruments and SCADA system to ensure the SCADA system monitors and controls the equipment as intended.
* Train operations personnel on the use, maintenance and troubleshooting of the SCADA system hardware, software and installation.

JUNE’16-DEC’16 **MUMBAI AIRPORT INTERNATIONAL LIMITED**

**AS PLC AND SCADA PROGRAMMER**

Project: ESD system, (SCADA & PLC programming), I/O count=300

Responsibility

* Site survey for project feasibility, PLC programming, SCADA and HMI designing, installation and
* Commissioning of instruments and updating the client requirement in SCADA and PLC.
* Participate in the testing and startup of the process equipment, instruments and SCADA system to ensure the SCADA system monitors and controls the equipment as intended.
* Train operations personnel on the use, maintenance and troubleshooting of the SCADA system hardware, software and installation.

**EDUCATION**

2014 -Post Graduate Diploma In Industrial Automation And Solution From PROLIFIC SYSTEM AND SOLUTION

2014 - Bachelor Degree in Electrical and Electronics Engineering.

**PERSONAL DETAILS**

**Date of Birth :** 31st August 1991

**Languages Known :** English, Malayalam, Hindi and Tamil.

**Contact Details**

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Expiry date : 13/08/2024