Mobile: +91-9717171847

E-Mail:[ncdeeps@gmail.com](mailto:ncdeeps@gmail.com)

**OBJECTIVE**

Project and Service Engineer with 4 years’ experience in the field of powerplant automation aiming to achieve a tremendous position in a professional organization, where I can enhance my tactics to kick start my skills and strengths in line with the stated mission and goal of the company through hard work and commitment at all levels.

**EDUCATION**

|  |  |  |  |
| --- | --- | --- | --- |
| April 2014 | Bachelor of Engineering, Electronics & Instrumentation Engineering Anna University, Easwari Engineering College, Chennai | **7.24 CGPA (First Class)** |  |
| March 2010 | **Higher Secondary,** Tamil Nadu State Board  SPIC Nagar Higher Secondary School, Tuticorin | **91.75 %** |  |
| March 2008 | **Secondary,** Tamil Nadu State Board  SPIC Nagar Higher Secondary School, Tuticorin | **96.60 %** |  |

**PROFESSIONAL EXPERIENCE**

01/2015-till date **EMERSON AUTOMATION SOLUTIONS,** Noida, Uttar Pradesh

* Involved in the successful completion of FAT for the following projects:

1.Spectrum Coal and Power Ltd (1x50MW)

-Logic & Graphics development

* 1. NTPC Darlipalli (2x800MW)

-Involved in Pre-FAT of Water system

* 1. MWV Thermax (1x20MW)

-FDS preparation, Logic and Graphics development

* 1. St. Gobain (3.5MW)

-Involved in Pre-FAT. Responsible for implementation & testing.

* 1. NMDC Thermax (2x40MW)

-Preparation of hardware database.

* 1. VVTi Pigments (6MW)

-Erection of DCS panel and IO testing

* 1. Rashmi Ispat (12MW) CPP

-Involved in FAT. Developed logics and graphics

8.ACC Tikaria (15MW) CPP

-Site commissioning and after support

* + - Understanding SAMA and P&ID to apply corresponding logic and graphic in Ovation
    - Implementation of simulation logics and testing.
    - Using Productivity tools for more efficiency.
    - Hardware architecture of Ovation DCS.
    - Configuring Cisco network switches.
    - Installing Windows server and establishing highway interface.

**ADDED COURSES**

10/2014–12/2014 **Instrumentation Maintenance Course, FACT Ltd**, **Udyogamandal, Kerala**

FACT ltd. is the first fertilizer manufacturing company in independent India and the largest Central Public-Sector Undertaking in the state of Kerala. The main products include Ammonium Phosphate Sulphate (FACTAMFOS), Ammonium Sulphate, and Caprolactum.

* Understanding P&ID diagrams
* Calibration and configuration of DP Transmitters, Control Valves, Indicators and pH Analyzers.
* Relays and Schematic symbols in PLC.

08/2014-09/2014 **Industrial Training, CETEX PETROCHEMICALS LTD, Manali, Chennai**

Cetex Petrochemicals Ltd is the only manufacture of Methyl Ethyl Ketone (MEK) and Secondary Butyl Alcohol in South East Asia.

* Loop checking between field instruments and junction box and junction box to marshalling cabinet.
* Performing leak check to field instruments.
* Zero check and static zero check on DP transmitters.
* Erection and commissioning of field instruments.
* Material of construction of Control Valves and Transmitters.

05/2014-06/2014 **YOKOGAWA TECHNICAL SCHOOL, YOKOGAWA INDIA LTD, Chennai**

DCS

* Fundamentals, engineering and maintenance of Centum CS-3000.
* DCS programming using Functional Block Diagrams.

PLC and SCADA

* Fundamentals, engineering and maintenance of Prosafe-RS (Safety Instrumented System), Stardom (Network based control system) and Fast/Tools (Web based SCADA system).
* PLC programming using Ladder Logic, Functional Block Diagrams and Structured Text

FIELD INSTRUMENTS

* Basic knowledge regarding the measurement of various process parameters using field instruments.
* Field bus topologies like MODBUS, PROFIBUS, Foundation Field Bus and Ethernet Communication.
* Knowledge of DP harp EJA and EJX Pressure Transmitters and Smart Temperature Transmitter.

**OTHER TECHNICAL SKILLS**

* Knowledge in C / C++, MATLAB Programming
* Knowledge in Windows and Microsoft based applications

**LEADERSHIP AND OTHER ACTIVITIES**

* Event organizer of National Level Technical Symposium INSTRUBLITZ’13
* Participated in interschool zonal and district level athletics meet and won prizes
* Participated in district level cricket and basketball competitions and won prizes
* School Pupil Leader during class XI and XII.