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**RESUME**

***Professional Summary:***

* Worked on a project **of Traction Power Control for South central Railway, India.**
* I can handle 10 Persons Team on my own responsibility.
* Good knowledge of installation of electrical and instrumentation devices.
* Experience of Erection and Commissioning of Remote Terminal Unit (RTU) Programmable logic controller (PLC) and Configuration of Supervisory Control & Data Acquisition (SCADA), & Human Machine Interface (HMI).
* Experience in Installation & commissioning of RTU, PLC and interfacing it with electrical field equipment’s such as Power Transformer, Potential Transformer, Circuit breaker, Bridging Manuals, Switching Relays, contactors etc.
* Experience in making communication between RTU, PLC (controller) and SCADA (HMI) systems.
* Experience in installation and troubleshooting the I/O modules (AI/DI/DO) & other controller modules as per the client requirement.
* Experience in designing of RTU and PLC panels as per client requirement.
* Able to read the Technical Data and Specification of the Instrument.
* Knowledge of Electrical & Non-Electrical Measuring Instruments.

***Experience:***

**Current Employer: Synergy Systems& Solutions, Faridabad, Haryana, India.**

**Company website:**

Period: July 2012 to Feb 2014.

Designation**:** Project Engineer

Project Contractor: **South Central Railway, Govt. of India**.

**Profile:**

* Commissioning and Installation of RTU (HUSKY) and configuration of SCADA (SIRIUS).
* Installation & Commissioning of DI/DO/AI modules of PLC and interfacing it with the field devices such as Power transformer(132/25kv), Circuit Breakers CB(25kv), Bridging Manuals BM(25kv), Current Transformer CT(750/5A), Potential Transformer PT(25kv/100v), Auxiliary Transformer AT(25kv/230v) .
* Real time exposure of erection, commissioning & installation of Husky RTU (E10, E70 6049).
* Preparation of Electrical and control wiring schematics of RTU and PLC with field devices, electrical control panels etc.
* Preparing SCADA (HMI) screen shots with respect to **SLD** (Single Line Diagram) provided by client (**South Central Railway, India**).
* Configuring HMI such as customization of screens, preparing Tag, Trends, Events, Alarms, Log list and Reports.
* Up gradation& Customization of HMI on SCADA as per project requirement.
* Experience in Operation, Control & Maintenance of controller, field equipment’s& SCADA system used for Traction Power Control.
* Installation & Maintenance of field devices such as Power Transformer (132/25KV), BM &CB (25KV), CT (750/5A), PT (25KV/100V) & transformer’s relay testing.
* Coordinating with Engineering Controller (RCC) and Power Station (TSS) for manual operation in case of controller failure or emergencies.
* Routine inspection of all Controllers (TSS, SSP & SP) assets following the appropriate maintenance procedures and instructions to ensure compliance with the required requirements and reporting to the RCC.
* Basic Knowledge of 2d AutoCAD.

***Qualification:***

* **B**-**Tech** (4yrs full time) in **Electronics& Communication Engineering** from IET, Rajasthan Technical University, Kota, India, May 2012.
* Intermediate Examination (10+2) from IPSSC, B.S.E.R, Ajmer March 2008.
* Secondary School Certificate (10th) from, BPSS, B.S.E.R, Ajmer March 2006.

***Technical and Professional Training:***

* Certified in **“Diploma in Industrial Automation”** from **MAX Automation Training Institute, Delhi.**
* Real time Experience of Erection, Commissioning & Installation of PLC & RTU.
* Hands on experience to program , troubleshoot & communicate on PLCs i.e. Allen Bradley(Micrologix1000 & SLC) , Schneider(Twido & Zelio) , Omron , L&T(LX7, LX70) , Siemens(S7-200 & S7-300) .
* Knowledge of PLC wiring and sink/source concept.
* Hands on expereince on creating new applications with SCADA Wonderware Intouch & RS VIEW from Rockwell.
* Knowledge about AC & DC Drives.
* Electrical connection of control and power circuit of DOL/STAR DELTA Starter.

***Academic Project and Seminar***

Project 1

* Biomedical Heart Beat and Body Temperature Measuring Instrument. The purpose of equipment is to measure the heart rate per minute and external body Temperature.

**Seminar Topic**

* Automation (Programmable logic controller and SCADA, HMI).

***Computer Skills:***

Computer Hardware : (Installation, troubleshooting, assembling etc.)

Operating Systems : Windows 98, XP, 7 & 8

Packages/Tools : MS Office 2003/07/10

Multimedia **:** Adobe Premiere, Photoshop &etc.

***Soft Skill:***

1. Good Communication Skill.

2. Good Management and Interpersonal Skill.

3. Self-Motivated and goal oriented.

4. Good Team player.

***Personal Profile:***

Date of Birth : 30-12-1990

Nationality : Indian

Marital Status : Single

***Languages Details***

### Languages Speak : English, Hindi, Marwari

Languages Read : English, Hindi

Languages Write : English, Hindi