

**MATCHA SUNIL KRISHNA**

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**Contact no: 08342886651**



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### **CAREER OBJECTIVE:**

Looking forward to work with an organization where I can learn to sharpen my skills and implement my knowledge to achieve the goals of the organization to pursue my personal growth as well as organization's growth.

### **WORK EXPERIENCE:**

- I am working as an **C&I Erection & Commissioning Engineer** and also worked for **TSI 6X 150 MW** Aditya Birla (cpp) Energy Ltd. Lapanga, Orissa, through **M/s Autotricon** under **BHEL** from 01.12.2013 to till date.

### **RESPONSIBILITIES HANDLED:**

- Erection of Field instruments like Pressure, Flow and Level Transmitters, Switches, Temperature elements.
- Understanding P&ID, Process flow diagrams and JB Schedule.
- Handling fault finding in field instruments.
- Erection & commissioning of Turbine and Boiler instruments.
- Trouble shooting, loop checking, operation, maintenance and calibration of Smart Pressure, Flow, Level Transmitters, Switches, RTD, Thermocouple, Pneumatic Control Valves, Vibration probes..
- All Turbine Auxiliaries instrumentation Erection and commissioning
- Preparing Tray layouts, JB schedule, Cable schedule, interconnection detailing, preparing instrument index sheet, ferruling details & protocols.
- Erection of Motor Vibration Sensors and Speed probes for TSI.
- Insertion of DCS Cards after proper address checking.
- Following the corresponding BHEL Procedures.
- Manpower planning & formulation of the strategies to achieve the desired outcome.
- Preparing Protocols for Erection and commissioning, Documentation for monthly billing.

**KEY EXPERTISE:**

- ✓ Erection & Commissioning
- ✓ Calibration of field instruments
- ✓ P&ID and process flow diagrams
- ✓ Maintenance of field instruments
- ✓ Risk analysis
- ✓ DCS terminations
- ✓ Termination of Cables & loop checking
- ✓ Analytical and Troubleshooting
- ✓ Control strategies and Control logics
- ✓ Manpower planning
- ✓ Employee Relations

**EDUCATIONAL QUALIFICATIONS:**

COURSE	INSTITUTION	UNIVERSITY/BOARD	YEAR OF PASSING	AGGREGATE
<b>B.TECH [ELECTRICAL AND ELCTRONICS ENGINEERING]</b>	Al-Aman College Of Engineering Visakhapatnam Andrapradesh	Jawaharlal Nehru Technological University, Andhra Pradesh	<b>2012</b>	63.8%
<b>INTERMEDIATE</b>	Krishnaveni Junior College, Narsaraopet, Andrapradesh	Board Of Intermediate, Andrapradesh	<b>2007</b>	69.9%
<b>SSC</b>	The new krousur public School, krosur, Andrapradesh	Board of School Secondary Education	<b>2005</b>	72%

**TECHNICAL QUALIFICATION: (IN 2013)**

- Obtained **Post Graduate Diploma in Industrial Automation (PGDIA)** from Technocrat Automation Pvt Limited (IAO Accredited), Chennai. With 11 months **hands on practical experience** in Industrial Automation Tools specializing in **PLC, DCS, SCADA and VFD.**

**TECHNICAL SKILLS: (LEARND PRACTICALLY IN PG DIPLOMA)**

- **PLC** (Programmable Logic Controllers) & **DCS** (Distributed Control System) - Programming languages such as **LD** (Ladder Diagram) & **FBD** (Functional Block Diagram)
- **Hands on Practical exposure** in brands as **Siemens, AB** (Allen Bradley), **ABB** (Asea Brown Boveri), **Honeywell, Schneider, GE-Fanuc, Keyence, Omron, Messung, Mitsubishi, and Delta**

- **SCADA** (Supervisory Control & Data Acquisition) – Screen designing, PLC interface, Data collection & storage
- **VFD** (Variable Frequency Drive) – Commissioning and Troubleshooting
- **Pneumatics & Field Instruments** ( Control Valve, Sensors, Level Transmitters, Flow Transmitters, Temperature Transmitters, Pressure Switches)
- Interfacing between PLC & GSM modem to communicate with mobile device
- Knowledge in Panel wiring
- Knowledge in **PID** (Proportional Integral Derivative)
- **Troubleshooting**
  - PLC & DCS programming
  - Control Panel (Power wiring & Control wiring)

### **ACADEMIC PROJECT:**

#### **Main Project:**

**VERTICAL AXIS LINEAR INDUCTION WIND POWER SYSTEM**

#### **Mini Projects:**

**AUTOMATION IN INDIAN RAILWAYS (TRACTION & SCADA)**

### **COMPUTER SKILLS / KNOWLEDGE:**

Languages : C Language  
 Operating Systems : Windows XP, Windows7.Windows8.  
 MS Office : Excel, Word & Power point.

### **PERSONAL PROFILE:**

Father's Name : Mr. Raghavaiah  
 Date of Birth : 02/06/1990  
 Gender : Male  
 Language Known : English, Telugu, Hindi  
 Hobbies : Learning music, Singing Songs, Listening Songs  
 Address : H. No: 3-398, Adarshnagar, Visakhapatnam,  
 Andhrapradesh.  
 Passport Details : Passport .No - L 1619258,  
 Validity:- 10-05-2013 – 09-05-2023.

### **DECLARATION:**

I hereby declare that the above particulars furnished by me are true to the best of my knowledge and belief.

**MATCHA SUNIL KRISHNA**

Place:

Date: