

S. AZHAGAPPAN
Instrumentation Engineer

Email : azhagappans1@gmail.com
Mobile : +91-8682823351

CAREER OBJECTIVE:

I am looking for a developing position in the field of Instrumentation and automation in a concern where my previous skills and capabilities can be utilized efficiently, which will provoke organization growth as well as my personal development in my core field.

WORK EXPERIENCE:

1. Oct 2020 to till of date : **PLC ENGINEER**
AKA LOGISTICS PVT LTD.,
CLIENT: 1. Chhabra Thermal Power Plant., (Rajasthan Rajya Vidyut Utpadan Nigam Ltd.,) Rajasthan
2. Suratgarh Thermal Power Plant., (Rajasthan Rajya Vidyut Utpadan Nigam Ltd.,) Rajasthan
2. February 2017 to January 2020 : **ASSISTANT ENGINEER**
CHENNAI RADHA ENGINEERING WORKS PVT LTD.,
CLIENT: 1. Jhabua Power Plant Pvt Ltd., (Avantha Group), MadhyaPradesh.
2. New Mangalore Port Trust, (Chettinad Group), Mangalore.

PLC & SCADA EXPERIENCE:

MAKE NAME	LOGIC	SCADA	COMMUNICATION & NETWORK
Allen Bradley	RS LOGIX 5000 (V20.0)	Factory TalkView(V6.0)	Control Net & Ethernet
Ge Fanuc	Proficy Machine Edition (V5.6,V9.5)	Cimplicity (V7.0, V10)	Ethernet
Schneider	Unity Pro XL (V13.1)	Citect Studio(V8.10)	Ethernet & PRA
Honeywell	Softmaster (V3.7)		Ethernet and Modbus

WORK SUMMARY Of MAINTENANCE:

- Dealing with operation and maintenance in thermal power plant in **AHP & CHP.**
- Daily checking and preventive maintenance (PM) of various equipment's.
- Planning and co-ordination of all activities for operation and maintenance of **Ash Handling Plant and Coal Terminal Plant.**
- Experience in PLC Programming, SCADA Designing, Logic Modification and Implementation, Troubleshooting and Erection.
- Preparation of wiring diagram, Logic diagrams, tag assigning, development of graphics page.
- Maintain the proper communications SCADA to PLC, PLC to Control node and PLC to PLC like Ethernet communications, PROFIBUS, MODBUS, control net communications (coaxial cables), Fiber optic communications
- Configuring and faults diagnosis of DCS, PLC, SCADA, RTU, Profibus Communication, Analyzers and Control Loops.
- Installation, calibration and loop checking of the field instruments & Familiar with engineering standards.
- Designing, Implementing and commissioning of new control loops as per site requirements.
- Knowledge of instrument's, controller and Maintenance of instruments like Solenoid valve, Level probe, Limit switch, Pressure switch, Pulse Jet timer (PJT), Pressure transmitter, Differential pressure transmitter, Level Transmitter, Impact mass flow meter, Pressure Gauge, Float Limit Switch, RTD (PT 100, PT 1000), Actuator and Pneumatic Cylinder, Control Valve, (DE and DS System) Position valve, Load Cell (S-type), Zero Speed Switch, Pull card switch, Belt sway switch, Chute Jam switch, Metal Detectors ,ILMS, Belt tear switch and VFD.

3. January 2020 to Oct 2020 : SITE ENGINEER

VOLTECH ENGINEERING SERVICES PVT LTD.,

CLIENT: Nutan Bidyut (Bangladesh) Ltd., (Bisho Infra Project Ltd.,) Bangladesh. (Oil & Gas).

WORK SUMMARY Erection and Commissioning:

- Planning and Supervising the Technicians.
- Leading Team and Attending Client meeting.
- Working on Daily Report and Maintaining.
- Commissioning work in Gas Booster Compressor (Atlas Copco Client) and Water Treatment Plant.
- Erection of proper communications SCADA to PLC, PLC to Control node and PLC to PLC like Ethernet communications, PROFIBUS, MODBUS, control net communications (coaxial cables), Fiber optic communications
- Erection and commissioning of pneumatic control valves
- Erection and commissioning of transmitters like Pressure, Level, Flow and Temperature (Rosemount, Endress & Hauser, ABB,)

4. June 2016 to February 2017 : SERVICE ENGINEER
Essae Teraoka Pvt Ltd.,

Dealer and service for
Sri Ragavendra weighing systems,
Pondicherry- 605004.

WORK SUMMARY

- Service of Electronic weighing systems ,Counting and Printers scale
- Service of Ekomilk Ultra Ultrasonic Milk Analyzers

EDUCATIONAL QUALIFICATION:

DEGREE	INSTITUTION/UNIVERSITY	YEAR OF PASSING
B.Tech (Instrumentation and Control Engineering)	Sri Manakula Vinayagar Engineering College, Pondicherry University, Pondicherry.	2016
HSC	Chevalier Sellane Govt. Hr. Sec. school, kalapet, Pondicherry.	2012
SSLC	Chevalier Sellane Govt. Hr. Sec. school, kalapet, Pondicherry.	2010

ACADEMIC PROJECT:

TITLE – Automated Human Machine Interface By Using PLC and GSM Technology

ABSTRACT – With help of GSM technology to control and vary the speed of the motor by using number of ringing signals also collect the data and report through E-mail or SMS directly to the phone.

MANAGEMENT SKILLS:

- President of our department TRIIAC club activities.
- Organizing member of our department INEWO'15 symposium activities in the year of 2014.

PERSONAL DETAILS:

Date of Birth : 20th May 1994
Father's Name : Mr. Shanmugam A
Mother's Name : Mrs. Pandiammal S
Passport Details : P0081233
Permanent Address : 17, Pudhu Nager, ChinnaKalapet, Pondicherry-605014
Languages known : English (R,W,S), Tamil (R,W,S) & Hindi (S)
Hobbies : Listening song's, Making Mini Robots.

DECLARATION:

I hereby declare that all the fact a fore mentioned are true to the best of my knowledge.

Place: Pondicherry
Date:

(AZHAGAPPAN.S)