

RESUME

Name: BALAJI C. SASWADE

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Qualification: B.E. (Instrumentation Engineering)

OBJECTIVE

To obtain a responsible position within a progressive organization which gives me an opportunity to apply and Do value addition to my entire skill set and offers me a challenging and evolving environment to work.

DETAILS OF EXPERIENCE

1. **Current Organization:** Balkrishna Industries LTD, (BKT) Bhuj

Designation: Senior Instrumentation Engineer

Department EEI Agri180 Curing Working

Period Jan 2022 to sept 2023

- Installation & Commissioning work of Curing Press.
- Problem finding & analysis all instruments.
- Working on Allen Bradley PLC & HMI & SCADA programming.
Working on SCADA Software: Factory Talk View Site Edition
PLC Programming Software: RS Logix 500
HMI Software: Factory Talk View Studio
- Working on control valves (Actuator smart positioner type control valve)
- Working on different makes PID controller.
- Working on various types instruments.
- Worked on energy saving of department.
- Troubleshooting Control Panel & changes in plc program as per requirement.

Project Undertaken:

Multi Effect Evaporator System

- Read P & ID & prepared Instrument Index List.
- Instrument Selection, Instrument Datasheet
- Prepared load list, Cable Selection
- Prepared PLC input/output list
- Knowledge of MCC Panel & PLC panel Drawing.
- Knowledge of instruments i.e. pressure, level, Temperature, Control valve, Flowmeters
- Worked on ERP System.

2. **Organization:** RytNow System Pvt. Ltd., Aurangabad

(Main Branch: Sanjay Techno Product Pvt Ltd)

Designation: Instrumentation Engineer

Working Period: August 2017 to December 2021

- Worked on Electrical/Instrumentation Maintenance & Development work on Brake Shoe Assembly plant for Sanjay Techno Group
- Experience on electrical control panel wiring.
- Worked on Temperature sensor, level Sensor, proximity sensor etc.
- Developed Relay Logic PCB.
- Worked on Drive.

- Experience & knowledge about Siemens plc, Allen Bradley and Mitsubishi plc program. • Working on PLC & HMI Development
- I/O mapping in plc program.
- Analog input /Analog output mapping plc program.
- Read Electrical Drawings.
- Handled IFAT / EFAT (Internal/External Factory Acceptance Test) of project
- Troubleshooting knowledge of electrical control panel.
- Experience on Temperature Sensor, level Sensor, Proximity Sensor

Project Undertaken:

1. work on RIMM installation System (Remote Integrated Manufacturing Management)

- It is a unique Hardware and Software solution that converts a traditional Factory into smart factory
- Siemens PLC S7 1200 – Basic Programmed for Pulse Counting.
- Worked on PLC Panel Relay Wiring.
- PLC programed for Data sent from PLC TO IP.

2. Real-time Length Measurement of Metal Sheet on Hi rolling Mill Machine

- Worked on Siemens PLC program (model S7-1200, s/w- TIA Portal V13)
- Measured length by used proximity Sensor & Calculated circumference of the roller which passed on metal sheet

3. Implement RFID Project for Plastic Injection molding machine.

4. Implemented Energy Monitoring / Temperature monitoring to RIMM System for plastic Injection molding machine.

5. Liquid Dispensing System

- Dispensers provide fast and highly accurate measure of filling a variety of lube oils, transmission fluids & coolant on final assembly line of cars, heavy vehicles & two wheel.
- PLC: Mitsubishi (FX-3U 64I/O)
 PLC Software: GX Developer
 HMI: GOT1000
 HMI Software: GT Designer

3. Organization: Electronet Equipment Pvt. Ltd, PUNE

Designation: Instrumentation Engineer

Working Period: June 2015 to May 2017

About Company: Company provide Process Control Instrumentation and Automation for all major parameters in Industrial Measurement and Automation technology.

Work Responsibility:

- Planning installation, calibration & erection of Instruments like Electromagnetic flow meter, Turbine flow meter, ultrasonic flow meter, Level Transmitters, pressure Transmitter, Analytical Instrument
- Repairing the instrument like Electromagnetic flow meter, Turbine flow meter, and ultrasonic flow meter.
- On site calibration of open channel tank flow using ultrasonic level transmitter & indicator

PROFESSIONAL TRAININGS

COMPANY: Forbes Marshall, Pune

Time Period: 3 months

Advanced Certification Course in Control Instrumentation at Forbes Marshall, under CII's Affirmative Action Initiative

- Total 3 months comprehensive training which included 2 weeks of class-room technical sessions on various industrial instruments such as Flow meters, Control Valves, Gate/Globe/Check/Ball Valves, WQ Analyzers, PH measurement, conductivity measurement.
- Also were given exposure to soft skills development, Effective Communication, Interview Techniques for our smooth Transition from 'Campus to Corporate'.

Roles & Responsibilities:

- Worked on Assembly line & Testing of various Control Valves in Forbes Marshall Arca.
- Worked on Assembly line, Calibration & Testing of Mag Flow Meter in Krohne Marshall.
- Worked on Assembly line & Calibration of Vortex flow meters and VA meters in Krohne Marshall.

ACADEMIC CREDENTIALS

Qualification	College	University/ Board	Percentage	Year
B.E. (Instrumentation)	M.B.E.S COE, Ambajogai	BAMU	69.73%	2013
H.S. E	Vivekanand College, Aurangabad	State Board	56.00%	2009
S.S.C.	M.V. Deonandra, Pathri	State Board	81.38%	2007

IN PLANT TRAINING

- In plant training with Shree Renuka Sugars Ltd. Pathri unit.

CERTIFIED COURSE

- Certified 3 months course in Programmable Logic Controller from Krish Infotech, P

PERSONAL DETAILS

Name : Balaji Chandrakant Saswade
Date of Birth : 18thfeb 1991
Marital Status : Married
Nationality : Indian
Residence Address: Pune
Language Known: English, Hindi, Marathi
Permanent A/D: Vitthala Niwas, Teacher Colony, Pathri
Tq-Pathri, Dist-Parbhani pin-431506

I hereby declare that the information furnished above is true to the best of my knowledge.

Date

Balaji Chandrakant Saswade