Solanki Jayesh A.

B.E (Electrical)

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Career Objective:

To achieve good career growth and to be a part of progressive and stable organization where i can utilize my abilities, skills & interest and direct them towards the success of the organization and finally undying commitment.

Education Qualification

Course	Year	Board/University	Result
B.E(Electrical)	2017	GCET(GTU)	7.61(CGPA)
Diploma	2014	TFGP(GTU)	7.98(CGPA)
S.S.C	2011	G.S.E.B	65.40%

Project

➢ Automatic fan control using temperature sensor.
➢ Wireless speed control of dc motor using RF module bidirectional.
➢ Wireless home automation using zigbee.

Industrial Visit

➢ Visited Kandla Port gandhidham kutchh
➢ Visited iffco kandla gandhidham
➢ Visited parle products PVT.LTD,bhuj
➢ visited ashapura volclay limited ,bhuj ,Gujarat
➢ Visited Rotomotive Industries, Vithal Udyognagar, Anand, Gujarat
➢ Visited 220 KV substation, Karamsad, Anand, Gujarat
➢ Visited Atlanta Electricals Pvt. Ltd. Anand Gujarat

Keen Interest

➢ Power Transmission and Distribution
➢ Transformer
➢ Induction motor
➢ Circuit breaker
➢ Plc - scada

Extracurricular activities

- Participated in sustained graded value education program
- Participated in robotryst-2013
- Participated in GTU youth festival XITIJ
- Participated in TECH EUREKA- CONCOURS OF INNOVATIA (IMAZE)

Achievements

- 1st position in mime event 2nd youth festival GTU (XITIJ2013)

Computer Skills

- MATLAB
- Microsoft office

Professional skills

- **PLC:** Basic of PLC, developing program using **RSLogix 500** on Allen Bradley PLC - **MicroLogix & SLC series.** Program development with **Simatic Manager** on Siemens PLC **(S7-300 Series),** Program using **software-WPL SOFT** on **Delta DVP series,** Read P&ID Diagram, Practice assignments on industrial application of plc using P&ID Diagram, control philosophy, Interlocking & I/O list.
- **HMI/SCADA:** Application development on Wonderware – InTouch and Siemens – Win CC software. Graphic Design using P&ID Diagram.
- **Process Instrumentation**: Temperature, Pressure, Level, Flow and Proximity sensors. Basic of PID controller and Control valve.
- **Distributed Control System (DCS):** Introduction to DCS system. Hardware: processor, I/O modules, communications and practice on **ABB FREELANCE (AC 700 F) DCS system.**
- **Motor/ Drive**: Induction Motors. Basic of Variable Frequency Drives selection criteria of drive for project engineering, interfacing of drive with PLC, networking of drive, programming practice on Allen Bradley-**Powerflex 4 AC Drive.**
- **Servo Motor & Servo Drive Of Delta:** Position, Speed, Torque control of servo motor.
- **HMI (panel View 300 Micro & C 1000):** Basics of HMI, Creating applications with HMI & interfacing with PLC,
- **Panel Designing:-**Read the Panel Drawing, Selection of switch gears & accessories, control & power drawings. DOL, Star Delta Starter of 3 phase Motor Control Circuit & Power Circuit Wiring.
- **Industrial Networking:- Modbus (**communication between AB ML1400 PLC and Powerflex4 Drive and communication between AB ML1400 PLC using Modbus protocol), **Profibus (**ABB AC 700 F) DCS system with remote I/O using Profibus protocol), **Industrial Ethernet.**
- **Autocad: -** 2D Drawing with edit and Draw command.

Interpersonal skills

- Painstaking and fanatical   in pursuit of high quality
- Steadiness under pressure
- Ability to take decision   in critical situation
- Confident and determined

Personal Information

- Date of birth   :- 5th December 1994
- Language known   :- Hindi, English, Guajarati
- Nationality   :- Indian
- Marital status   :- unmarried

Declaration

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

Solanki Jayesh A.