

Career Objective

To work for an organization where growth and opportunities are in proportion to performance, and responsibility & authority is delegated and facilitating optimum performance.

Summary of Qualifications

- BE- Electrical and Electronics Passed in July 2023 with First Class from Dr. A.P.J. Abdul Kalam University, Indore.
- Diploma in Electrical Engineering Passed in July 2015 with Distinction from K.J. Polytechnic - Bharuch
- S.S.C Passed in March 2012 with Distinction.

Soft Skills

- Time-based Problem Solving.
- Knowledge of Design and development.
- Process Improvements.
- Client Communication and Coordination.
- Team Player with Leadership capabilities.
- Decision-making.
- Adaptable to new environments.
- Vendor management.

Core Skills and Expertise

- PLC programming and Languages: Rockwell (Studio 5000, FactoryTalk ME/SE), Siemens (TIA Portal, Step7), Ladder, FBD, STL
- HMI/SCADA: FactoryTalk View, Siemens WinCC, Exor HMI.
- Field Instruments: RTD, TT, PT, DPT, LS, Proximity Sensors, Reed Switch, Flowmeters, Control valves.
- Protocols: Ethernet/IP, Profinet, Profibus, Modbus TCP/RTU
- Experience in FAT, SAT, Loop Checking, IO simulation, and Commissioning of VFD (AB PowerFlex, Siemens, Schneider, Danfoss, Delta).
- Python Programming Basics.
- SAP, Microsoft Excel, and Documentation Management.
- Electrical Panel testing, LV Switchgears, Circuit breaker, Transformers.

Professional Experience

- Currently working in “**Axtel Industries LTD**” as “**Assistant Manager -Electrical and Automation Design**”
from 05 January 2022 and continuing.
- Previously worked as “**Jr. Officer-Engineering**” at “**MRF Ltd – Dahej**”
In the green field stage from 15 April 2019 to 04 January 2022.
- Previously worked as “**Engineer – Production**” and “**Engineer – Testing & QA/QC**” at “**Indian Switch Gears and consultant**” from 1 December 2015 to 31 March 2019.

Job profile

Axtel Industries Ltd.

- Leading turnkey automation projects in a Food processing plant, including control system design, PLC/HMI/SCADA development, and On-Site commissioning.
- Development of engineering documents: I/O list, C&E Diagrams, alarm/trip lists, wiring diagrams, automation architecture.
- FAT/SAT execution, I/O Simulation, VFD Commissioning and troubleshooting.
- Site support and coordination with the client and plant team for the timely execution of a project.

Key Projects:

Mondelez Foods India Pvt Ltd.

- T-Reactor Crumb plant (40TPD).
- Liquid Chocolate making and handling plant (30TPD).
- Perk powder handling and Cooling Tunnel.
- Chocolate Moulding Lines.

Mondelez Foods Bahrain.

- Wheat Flour Handling System

Morde Foods, Pune.

- RM Handling System.
- Chocolate Chip line with Depositor.
- Chocolate Moulding Line with Depositor.

Barry Callebaut India.

- Intermittent Chocolate Moulding Line.

Wolfgang USA.

- Capacity Enhancement for Chocolate Moulding Line (Online Support)

MRF Ltd.

- Maintenance activities include Daily maintenance, Weekly and monthly maintenance, and following all maintenance practices for a machine.
- Electrical and commissioning of major equipment: Banbury Mixer, Fisher Cutter, Substations, MV VFDS.
- Coordination with international vendors (Germany, China, Italy)
- Leading Internal projects, developing PLC programming for a better experience and higher productive output of the machine.

Indian switchgears and consultants.

- Testing and commissioning of all electrical equipment 415v system.
- Testing of protective relays, Switchgears, LT, HT and Control/PLC Panel.
- Preparation of as-built documents and client coordination.

Declaration

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

Yours Sincerely,

Date:

Ketul I. Prajapati

Place: Baroda