

Resume

Dixit Chauhan

Vadodara, Gujarat

chauhandixit245@yahoo.com

+918460394959

Career Profile

Committed application engineer and a production engineer with ten years of working experience in a packaging machinery manufacturing company. Expert programmer and familiar with HMI, PLC, and Servo Drives. Experience in quality assurance, bug testing, machine testing, machine commissioning, automation testing, and all development practices and processes for primary packaging machines and secondary packaging systems. Strong communicator to facilitate effective coordination and collaboration in the factory, experience in management and leadership roles during special assigned projects. familiar with Delta plc and HMI, trio motions, Schneider HMI .Basic knowledge of SCADA.

Work Experience

Head of the Department (Automation)

Select Packaging machinery pvt. ltd-Vadodara, Gujarat

February 2024 to Present

- Develop and implement a comprehensive automation strategy to optimize manufacturing processes and enhance productivity.
- Identify opportunities for automation within existing processes and recommend solutions.
- Lead automation projects from conception through implementation, ensuring timely and within-budget delivery.
- Coordinate with cross-functional teams, including engineering, production, and quality assurance, to ensure seamless integration of automation systems.
- Design, program, and troubleshoot PLCs, HMIs, and other automation control systems.

- Oversee Support for installation, commissioning, and maintenance of automation equipment and systems.
- Ensure compliance with industry standards and safety regulations.
- Manage and mentor a team of automation engineers and technicians, fostering a culture of innovation and continuous improvement.
- Provide training and development opportunities to enhance team capabilities.
- Implement lean manufacturing principles and continuous improvement initiatives to reduce waste and increase efficiency.
- Monitor and analyse performance metrics to identify areas for improvement and drive operational excellence.
- Collaborate with external vendors and suppliers to source and evaluate new automation technologies.
- Maintain strong relationships with key stakeholders to align automation initiatives with business goals.

Application Engineer

SELECT PACKAGING MACHINERY PVT. LTD-Vadodara, Gujarat

April 2016 to January 2024

- Deep understanding of PLC programming Ladder logic, all aspects of inputs and outputs of the system.
- Experienced in programming for fully automated vertical FFS machines, pouch packaging machines, blister forming machines, And flow wrap machines.
- Experienced in programming for Fully automated secondary packing systems, ex. Carton box packing for oil pouch, Automatic crate feeding systems for milk pouch, automatic pick, and place robot for Curd filling cups stacker with box packing.
- Excellent understanding of HMI programming and its Interaction with PLC as well as VFD drive and servo drive systems.
- Identified areas for modification in existing PLC programmers, developing Modifications to suit Business needs.
- Studied manufacturing from an engineering viewpoint to identify problems and potential improvements.
- Tested equipment, machinery, and instruments to assess proper functioning.

- Identified opportunities for door-preventative maintenance and improvements to automation.

Automation Test Engineer

Select Packaging machinery Pvt. Ltd-Vadodara, Gujarat

April 2015 to March 2016

- Worked on diverse projects using detailed test cases.
- Trained team members on how to use automation programs and processes to facilitate development and quality assurance improvements.
- Maintained detailed record-keeping and updated project documentation.
- Managed, troubleshoot, and improved automation programs.
- Automated all functional and regression testing approaches.
- Collaborated with developers and other stakeholders to ensure that defects are identified and resolved in a timely manner.
- Conducted manual testing when necessary to ensure that applications meet quality standards

Production Engineer

Select Packaging machinery Pvt.Ltd -India

April 2014 to March 2015

- Supervising the manufacturing processes, ensuring quality work is done in a safe, efficient manner.
- Learning with other engineers to develop plans that improve production, costs, and labour required.
- Diagnosing problems in the production line and providing recommendations and training.
- Establishing safety procedures and protocols that take the worker's wellbeing into account, and that also minimize the carbon footprint.
- Keeping abreast of advancements in engineering and production, and sharing knowledge with co-workers.
- Analysing all facets of production and making recommendations for improvement.
- Obtaining any materials and equipment required.
- Developed and implemented quality control measures to ensure that products met customer specifications.

Education

Diploma in Mechanical

Dr S & SS Gandhi College of Engineering - Surat, Gujarat

2012

Class X

2009

Skills / IT Skills

- VFD Drives
- Troubleshooting
- Assembly Planning
- Machine Installation
- PLC programming
- HMI Design
- Automation Documents
- Customer service
- Automation Testing Plc
- Team management
- Servo Drives
- Maintenance
- Industrial Automation

Languages

- Gujrati - Native
- Hindi - Expert
- English - Fluent

Additional Information

Overseas Work Experience.

- Bidco Oil, Kenya

PLC programming and maintenance work.

Conducted PLC programming and mechanical maintenance work for the Soap Wrapping machine.

- Nile Agro, Uganda

PLC programming and maintenance work.

Maintenance and PLC program upgradation for Flowwrap and oil pouch packing machine.