

## **Jay Sharma**

**Sr. Engineer ( Electrical and Instrumentation)**

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### **CAREER OBJECTIVE:**

Dynamic and results-oriented Senior Electrical Engineer with over 4 years of experience in overseeing large-scale electrical projects, leading engineering teams, and ensuring adherence to safety standards. Seeking to leverage my expertise to contribute to the success of the company.

### **CURRENT PROFILE**

#### **Sr. Engineer ( Electrical and Instrumentation )**

**Asian Paints Ltd.** January 2024 to Present

- Leading a team of 14 technicians senior technician and electrician, for installation, and maintenance of machines and Robots.
- Managing project budgets and ensuring timely completion within allocated resources.
- Maintenance , Installation , commissioning , site acceptance test and Operation work for Filling , Packing , ASRS System and Automatic Guided Vehicles and AMR Autonomous Mobile Robots
- Maintenance of liquid water based paint fillers, fully automatic servo motor Solvent based paint Filling Machine, Auto cartonators, ABB Robots for palletizing and de-palletizing Cane and Jar cartoons
- PLC , RLC troubleshooting and modifications , conveyors, valves, vacuum, aodd , pumps, maintenance and new project and improvement implementation
- Daily, weekly, monthly, checklists and maintain documentations
- breakdown analysis, RCA, Why why, and safety permits, and insure Full sefty for zero excidents
- Critical spares identification and Inventory management.
- Ensured 100% compliance with electrical codes and safety regulations, conducting regular audits and training sessions.
- Collaborated with cross-functional teams, delivering 10+ projects on time and within budget through effective coordination and communication.
- Training for junior engineers on best practices and safety protocols, enhancing team efficiency by 25%.
- Track team performance and KPI and Documents
- Insure Proper Takeover of the Projects And other Vendors

### **TOTAL WORK EXPERIENCE:**

- Designation: Senior Engineer Electrical and Instrumentation ( January 2024 to Present )  
Organization: Asian Paints Ltd. Ankaleshwar Gujarat
- Designation: Electrical and Instrumentation Executive (September 2022 to December 2023 )  
Organization: Suntara Cosmetics Pvt. Ltd, Ahemdabad ( Group company of SCION INTERNATIONAL Dubai
- Designation: Junior Engineers Electrical And Instrumentation ( Dec 2020 to September 2022 )  
Organization: Balaji wafers Pvt. Ltd. Rau ( Indore ) Madhya Pradesh

## **EXPERIENCE IN MACHINE**

- Paints Filling Machine ( Deveree , Cadetronics, Mount ) Installation and Maintenance
- ABB Robots 6700 series 6 Axis and ABB Robo 660 4 axis Robots for Fully automatic palletizing and de-palletizing System
- Hi- Tech robotic AMR ( Autonomous Mobile Robots) .
- Fully Automatic Perfume Filling and Packing Machines
- Fully Automatic Tube Filling and Packing Machines
- Fully Automatic Jar filling and Packing Machines
- Fully Automatic high speed Pouch Filling and Packing Machines
- Injection Molding and Press Molding Machines
- Fully Automatic Lacquering Machines
- Semi Automatic Foiling and Printing Machines
- AHU And Compressors
- ITW International Warehouse maintenance
- 300 BPM OCR Optical Character Recognition System installation and Maintenance
- Hands-on experience and Knowledge of electrical equipment and instruments VFD , RLC , PLC and Pneumatic logic
- Different types of VFD and PLC
- Hand on Experience in - belt conveyors, Dryer, bucket elevator conveyer, ARB conveyor, vibrators, liquid fillers, powder fillers, Tube fillers, pouch packing machines ishida Atlas And Astro , Chiller And AHU.
- Labeling - ink jet printers, TTR printer , laser printer
- inspection (x-ray, metal detector) Optex X- ray and Ceia Metal detector , mettler toledo checkweigher , ishida 18 head Computer controlled weigher . Robot BPA and Pick And Place maintenance
- Knowledge about sensors – Proximity , ultrasonic, optical sensors, metal sensor , vibration frok sensor, infrared sensor , OCR and encoders Etc.  
thermocouple and RTD, SOV , pneumatics installation and repairing
- Working in the installation, preventive, and breakdown maintenance of process and packing machines.
- Implemented tools knowledge on understand

## **PLC and Automation**

- **Schneider M580 and M340** Version V30 with Moduler CPU BME383020 and BMXP342020 series , Communication Module , DI/O and AI/O modules programming , Configuration , Communication With help of Ethernet IP and Tagging , For Comunicat With DCS systems . Software For Schneider We are using Unity Pro XL the old version of Eco structure control Expert 15.3
- **Allen – Bradley , Control Logix 580 series** Version V29 CPU L340ERM and we are Using Software for this PLC Studio 5000
- **Delta PLC DVP SS2** Version V 3.14 and CPU 14SS211R series and We are using software for Delta PLC ISP soft and WPL soft and For Communication Comm manager to comunicat with DOP soft.

## **DOCUMENTATION**

- GMP, GDP, URS, DQ,FAT,SAT, IQ , OQ,PQ,RQ,RV verification
- MTTR , MTBF , Break down, PMs, KPI, OEE, RCA , Why why analysis, SOP'S , and daily check list for performance.

## **SOFTWARE**

- Ms- Office , SAP , WPL soft , ISP soft , DOP soft , Unity Pro XL , Comm- manager , Studio 5000

## **Type of Plants**

- Food Manufacturing Plant: Familiar with food processing techniques, quality control measures, and safety standards required in food production.
- Perfume Manufacturing Plant: Understanding of fragrance formulation, blending techniques, and the overall perfume production process.
- Ayurvedic Manufacturing Plant: Knowledgeable in the production of Ayurvedic products, including the selection of herbs, formulation processes, and adherence to traditional practices.
- Personal Care Manufacturing Plant: Experienced in the manufacturing of personal care products, including formulation, production processes, and regulatory compliance.
- Mentalizing Plant: Understanding of the processes and technologies used in mentalizing for enhanced durability and appearance of materials.
- Lacquering Plant: Familiar with lacquering techniques to provide protective and decorative finishes.
- Printing Plant: Proficient in the operation of printing plants, including knowledge of various printing methods and quality control
- Foiling Plant: Skilled in foiling processes to apply metallic or colored foil to surfaces for decorative effects.
- Vacuum Molding Plant: Experienced in vacuum molding techniques, used for creating precise and complex plastic parts.
- Injection Molding Plant: Knowledgeable in injection molding processes, including machine operation and quality assurance for manufacturing plastic components.
- Paints Manufacturing Company ( Asian Paints Ltd. )
- ASRS SYSTEM ( Daifuku ) in Asian Paints and Balaji Wafers Pvt Ltd. )

## **PROJECTS UNDERTAKEN:**

- New Ishida Atlas and Astro Filling and Packing machine installation , commissioning and Maintenance
- New Heat and Control Fastback and CCW and CHW installation
- New Zipper Packing
- Clear Pack 120 kg Havy waight Pick and Place robot
- BPA Fully automatic Delta type Pouch Picking and Placing Robot
- Jar and Tray Packing Machine Automation and Programming in Delta DVP s22
- New Volumetric Filling machine in house manufacturing and PLC Logic Programming and Comunication work
- 8 head Volumetric filling machine
- One Head Filling Machine converted to two head filling machine • Manual Bulk filling machine converted to automatic filling machine
- Close All Electrical Sefty Points and Hazards.
- Daifuku ASRS System Installation , Operation and Maintenance
- 300 BPM OCR Optical Character Recognition System installation and Maintenance

## **SKILLS:**

- Electrical RLC , PLC and Pneumatic logic system
- Proficiency with using installation tools and equipment
- Strong problem-solving skills for hands-on troubleshooting and repair of machines
- Excellent communication skills to explain complex technical issues clearly
- Develop and deliver trainings
- Experience with using database software for service information management.
- Ensuring timely completion and submission of all required paperwork
- Attention to detail in documentation and reporting
- Ability to work independently and as part of a team.

- SLD and Leader Language
- Machine Learning ( Excel )
- Team Leading
- Important Spare Parts Management
- New Machine Installation and maintenance
- Quick Learning
- Fire fighter

#### **EDUCATION BACKGROUND:**

- B – Tech in Electrical and Instrumentation Takshila University Jabalpur ( M.P.) 2021 – 2025 Pursuing
- Diploma in Electrical Government Indrastial College Barhi ( Katni ) 2019 - 2021 ( 84.3% )
- Diploma in Computer application Makhan Lal University Bhopal ( M.P.) 2021 - 2022( 79% )
- Higher secondary (12th) from Government Boys Higher secondary Barhi Katni 2019 ( 69% )
- Matric (10th) from Saraswati Sishu Mandir Barhi Katni 2017 ( 84.7 % )

#### **COMPETENCIES:**

- Quick learner & adapts well to changes and pressure in workplace
- Managing relationships & working efficiently with diverse groups of people
- Committed to meeting deadlines and schedules.

#### **Personal Details:**

Name : JAY SHARMA  
Father's Name : PUSHPENDRA SHARMA  
Date of Birth : 26-06-2001  
Sex : Male  
Marital Status : Un-Married  
Religion : Hindu  
Languages known : English, Hindi, Gujrati (Read )  
Permanent Address : Barhi District Katni Madhya Pradesh Postal Code - 483770  
Present address : Ahmedabad India

#### **DECLARATION:**

I hereby declare that the details furnished above are true to the best of my knowledge.

**Date:**

**Place:** Ankaleshwar

**Jay Sharma**