

CURRICULUM VITAE

SUMIT PANDEY

Address: Flat no-12A3, Aagman society, Sector-70, IMT FARIDABAD,

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Career Summary:

B. Tech in Electrical and Electronics with more than 9 years of experience in handling Automation Projects, Operations & Maintenance, Project Management, New machine installation, Troubleshooting and Team Management.

Core Competencies:

- Capable to maintain all documents related to maintenance department with KPI'S - such as MTTR, MTBF, Overall equipment efficiency (OEE), Why-why analysis, Managing Preventive maintenance, Spare parts management & budget preparation.
- Sound Knowledge of PLC Programming working on various modules Like- MITSUBISHI(F Series & Q Series), OMRON (CP1E, CPM2A), DELTA etc.
- Hands on experience of HMI programming and SCADA development.
- Sound experience on working with VFD's, Servo drives of different modules.
- New Machine installation and project development.
- Problem solving techniques (Root cause analysis for Breakdown, Poke yoke for problem solving, line balancing etc.)
- Good Knowledge and concepts of **TPM (from JIPM, JAPAN)**, maintaining 5'S, arranging Kaizen activities, Poka-Yoke development and **HIRA**.
- Preparation & monitoring of compliance documents.
- Internal Safety audits and process audits.
- Energy saving activities and implementation of safety norms in department.

Work Experience:

Company- Currently associated with PICL India Pvt Ltd. (AMBER GROUP ENTERPRISES), (From:- Aug 2021 – Till present)

Company: Last associated with Sandhar Automotive Gurgaon as Sr. Engineer of the Maintenance Deptt. (From: - May 2019- August-2021).

Company- Last associated with Akal Spring Ltd, Ludhiana as Sr. Engineer of Maintenance and Automation Deptt. (From: -Sept 2018 - May 2019) An IATF 16949 certified company manufacturing leaf springs for OEMs and foreign exports).

Company- Last associated with Jamna Auto Industries Limited Jamshedpur as Engineer in Low-Cost Automation Deptt. (From: -April 2014-Sept 2018), (A TPM certified company from **JIPM Japan** manufacturing Leaf springs for OEMs like TATA, M&M, Ashok Leyland, Bharat Benz and others).



Education:

- B. Tech in Electrical & Electronics from Gandhi Institute of Technology & Management, Visakhapatnam in year 2013 with 7.2 CGPA.
- Completed PGDBA (OPERATIONS) from SCDL PUNE for the session (2020-2022). with 'A' grade.

Job role & Responsibilities:

- Responsible for programming and troubleshooting of various PLC modules such MITSUBISHI, OMRON etc.
- Responsible for Reducing Breakdown of Plant Equipment.
- Installation of new Machines and new projects development
- Maintaining the MIS report of maintenance Dept.
- Responsible for Monitoring MTBF & MTTR.
- Responsible for analyzing breakdown by Tools like Pareto chart, why-why analysis, Fishbone diagram etc. & maintaining document as per ISO & TS: 16949, OHSAS-18001.

Plan and perform Preventive maintenance activity & maintain records and documentation of machine Maint. & Repair history.

- Responsible for implementation of new energy saving products.
- Responsible for spare parts Management as per Inventory.
- Responsible for performing weekly safety audits.
- Responsible for Skill Enhancement of Team members.
- Responsible for Kaizen implementation.

Achievements:

- Installation of **Servo mechanism (Servo-motors and drives) on Injection molding machine to reduce energy consumption.**
- Carried out projects in **Heat Treatment Line Automation** for remote & online **Controlling and monitoring of furnace temperatures by developing integrated PLC program-MITSUBISHI (FX-SERIES).**
- Strategically Developed **SCADA& HMI system for monitoring various trends and parameters of both Hardening and Tempering furnace.**
- Developed various **Poka-Yoke to eliminate quality rejection.**
- Developed an electrical system for detection of short length and ejection issue in lock body to eliminate rejection. (**Won Gold medal at Sandhar quality circle-2019**).
- Installed **VFD at various areas for improving energy efficiency** as well as motorefficiency.
- Developed an **Automated system for controlling Heat treatment furnace through Modulation motor and PID feedback controller** to replace manual operation which resulted in better controlling of furnace temp, hence better product quality was achieved.

Assembly layout modification for better line balancing and Lean manufacturing was developed to increase productivity as well as a considerable amount of increase in Production volume was observed with better manpower arrangement at new modified line.

- Developed various Auto Loading & Unloading systems for material handling hence resulting in **reduction of manpower fatigue and ergonomics improvement**.
- Vocational Training at **TATA MOTORS, JAMSHEDPUR** & successfully submitted a Projection '**Study of Siemens PLC and Implementation of A.C drive In place of D.C Drive**'.
- Attended seminars on TPM from JIPM, JAPAN organized by company for various years.

Computer Proficiency:

- Gained sound understanding on working with Oracle ERP system.
- Proficient with MS Word, Excel, PowerPoint.

Strengths:

- Very good learner, self-motivated with positive attitude.
- Strong communication interpersonal skill.
- Result oriented, better planning and coordination.
- Easy adaptable nature.

Personal Details:

- D.O.B : 18th Apr 91'
- Marital Status : Married
- Languages known : English, Hindi
- Native place : Flat no-202, Shamsheer Residency, Radhika Nagar,
Jamshedpur, Jharkhand-831004

DECLARATION: - The information given here with is true as per my knowledge.
Thank you for pursuing my personal information.

Date: - _____

(Sumit Pandey)

Place: - _____