**VIJAY PAL**

1398/Y Hanumant Vihar, Naubasta, Kanpur 208021

Mobile: +919696326041, Email: vijaypal919@gmail.com

**ELECTRICAL / INSTRUMENTATION ENGINEER**

* Dynamic professional with 11 years’ experience in Maintenance and Servicing. Presently working with **Atlas Copco India Ltd.**
* Possess a comprehensive knowledge of **Mitsubishi PLC, VFD** **and various industrial quality control** techniques
* Demonstrated abilities in **addressing operational issues, resolving performance bottlenecks** and achieving desired objectives
* Adept in creating applications, downloading/uploading Programme, Communication with PLC using HMI. Hands on experience in working with **Mitsubishi.**

**PROFESSIONAL EXPERIENCE**

**May 2018 – Present**

**Atlas Copco India Ltd Pantnagar Service Engineer**

Deputed in Pantnagar location, handling, Software (e.g. SQL software, Tools Net 8, Data driven services) DC tools (Electrical Bolt tightening controllers and tools fixture and hand held tools, pneumatic tools) used in assembly of engine and assembly line torque tightening equipment.

**July 2013 – April 2018**

**TATA MOTORS LTD (ANOOP REFRIGERATION) LUCKNOW  Electrical Supervisor**

Deputed at Tata Motors Ltd. and handling 56 Machines including Engine test bed, PLC and HMI Operated machine, 23 Hoist, Engine Testing Machines (Mitsubishi DCS system) and Atlas Copco Compressor and executing following responsibilities.

* Identifying areas of breakdowns of Machines, Hoists, Testing and Compressor and initiating steps to rectify the equipment’s weak points.
* Implementing effective preventive maintenance schedules of above machineries to increase machine up time and equipment reliability
* Overseeing all Machine Distribution Boards, Light Distribution Boards and Power Distribution Boards
* Studying plant layout diagram, conducting feasibility study at the site and locating safety points
* WCQ (Level-2), TPM, LOTO, ESMS, 5’S’ audits.
* Calibration record maintain of Overhead and load carrying equipment.
* Store 5’S’ and inventory.

**Sep 2011 – Aug 2012**

**UNCEASE AUTOMATION PVT. LTD. PLC Engineer**

* Interacted with clients to understand their specific requirements and executed projects accordingly
* Studied the Process Details and worked out solutions on Integration of Automation & Business level systems
* Followed instructions of Senior Engineer and executed tasks to complete project as per specification

**Projects Handled**

Seat handling and transferring conveyor (PLC) Maruti Suzuki India Ltd.

Engine Lift Table (PLC) Tata Motors Ltd.

Front Axle Lift Table (PLC) Tata Motors Ltd.

Rear Axle Lift Table (PLC) Tata Motors Ltd.

Tyre Storage and Tyre Transfer Conveyor (PLC) Tata Motors Ltd.

Slat Conveyor (PLC) Tata Motors Ltd.



**ACADEMIC CREDENTIALS**

**Diploma in Instrumentation and Control**

Govt. Polytechnic, Kanpur ****2010

**XII Standard**

U.P. Board **** 2004

**Underwent Industrial Automation Training from Sofcon India Pvt. Ltd. on the following modules**

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| **Motors/ Starters/ Control Circuits** | Induction Motors, Torque/ Speed characteristics, Star Delta Starters, DOL Starters, reversing starters, interlocking circuits, panel wiring, Programming Variable Speed Drive. Checking the AC induction motor and checking the current of line |
| **PLCs** | Mitsubishi Ladder & Logic Development Wiring & Troubleshooting. |
| **SCADA** | Wonder ware’s In touch, Application Development |
| **Process Instrumentation** | RTDS, Thermocouples, Level Sensor, Flow sensor Proximity Sensors, Relays, Contractors, Thermal overload relays |

**PERSONAL DETAILS**

Date of Birth ****10th November 1988

Languages ****English, Hindi

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