BHAGWAN SAHAY BAIRWA

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CAREER OBJECTIVE:

- Seeking **Entry Level Assignment** in the domain of Mechanical Engineering with a leading organization of high repute, where I can contribute my potential ability to the organization's growth &success.

EDUCATIONAL QUALIFICATIONS:

- **2014**
  Bachelor of Technology (Mechanical Engineering): 72.22%
  Government Engineering College, Jhalawar, RTU, Kota
- **2009**
  Intermediate in Science: 74.15%
  B.N. Joshi Government Senior Secondary School, Bandikui (Dausa), RBSE
- **2006**
  Matriculation: 83.83%
  B.N. Joshi Government Senior Secondary School, Bandikui (Dausa), RBSE

TECHNICAL QUALIFICATION:

- Obtained **PG Diploma in I**ndustrial **P**rocess **P**lant **R**obotics **A**utomation **(PGDIPPRA)** from Technocrat Automation Pvt. Limited (IAO Accredited), Chennai. With 1 year **hands on practical experience** in Industrial Automation Tools specializing in PLC, DCS, SCADA and VFD.

TECHNICAL SKILLS:

- **PLC** (**P**rogrammable **L**ogic **C**ontrollers) & **DCS** (**D**istributed **C**ontrol **S**ystem) - Programming languages such as **LD** (**L**adder **D**iagram) & **FBD** (**F**unctional **B**lock **D**iagram).
- **Hands on Practical exposure** in brands as **Siemens**, **AB** (Allen Bradley), **ABB** (Asea Brown Boveri), **Schneider, GE-Fanuc, Keyence, Omron, Messung**, **Mitsubishi,** and **Delta.**
- **SCADA** (**S**upervisory **C**ontrol &**D**ata **A**cquisition) – Screen designing, PC & PLC interface.
- **HMI** (**H**uman **M**achine **I**nterface) - Screen designing, PLC interface, DCS interface.
- **PAC** (**P**rogrammable **A**utomation **C**ontroller) – X, Y axis Robotic Control using Servo motors & drives.
- **VFD** (**V**ariable **F**requency **D**rive) – Commissioning and Troubleshooting.

- **Pneumatics & Field Instruments** (Control Valve, Sensors, Level Transmitters, Flow Transmitters, Temperature Transmitters, Pressure Switches).
- Interfacing between PLC & GSM modem to communicate with mobile device.
- Knowledge in Panel wiring.
- Knowledge in **PID** (**P**roportional **I**ntegral **D**erivative).
- Knowledge in basic programming of Robotics & co-ordination systems.
- **Troubleshooting** – PLC & DCS programming
  - Control Panel (Power wiring & Control wiring).

ACADEMIC PROJECT:

Project Title: TOWER CRANE

Description: A crane is a type of machine, generally equipped with a hoist rope, wire ropes or chains, and sheaves, that can be used both to lift and lower materials and to move them horizontally. It is mainly used for lifting heavy things and transporting them to other places. The device uses one or more simple machines to create mechanical advantage and thus move loads beyond the normal capability of a human. Cranes are commonly employed in the transport industry for the loading and unloading of freight, in the construction industry for the movement of materials, and in the manufacturing industry for the assembling of heavy equipment.

Project Title: FLY WHEEL

Description: A flywheel is a mechanical device specifically designed to efficiently store rotational energy. Flywheels resist changes in rotational speed by their moment of inertia. The amount of energy stored in a flywheel is proportional to the square of its rotational speed. The way to change a flywheel stored energy is by increasing or decreasing its rotational speed applying a torque aligned with its axis of symmetry.

ACHIEVEMENTS / CO-CURRICULAR ACTIVITIES / EXTRA CURRICULAR ACTIVITIES:

- Auto CAD And Pro/E Certificate.
- Bharat Vikash Parishad Certificate.

INPLANT TRAINING / INDUSTRIAL VISIT:

ANIL SPECIAL STEEL INDUSTRIES LTD JAIPUR 1 JUNE 2013 TO 30 JUNE 2013

PERSONAL PROFILE:

Father's Name :Ram Chandra Bairwa

Date of Birth : 05th April 1990

Gender : Male

Passport Number : M4017503

Language Known : English And Hindi

Hobbies : Singing Songs,Listening Music,Reading Books,Social Services.

Address : 186,Anantwada Ka Gola, Bairwa Ki Dhani,Post-Anantwada,Via-Bandikui,Tehsil-Baswa,District-Dausa,Rajasthan,India-303313.

DECLARATION:

I hereby declare that the above particulars furnished by me are true to the best of my knowledge and belief.

Date:25th July 2017

Place: Jaipur Bhagwan Sahay Bairwa