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| **Gaurav Jayswal** |
| **Mobile No:** +91-8840006230 **Address:-** Bhangel (Near V Mart), Post Maharshi Nagar  +91-7503655897 Noida, Phase-II G.B. Nagar ,UP – 201309  [**Email**](mailto:Email–DEV_professional1@yohoo.com)**:** [gauravjayswal18@gmail.com](mailto:gauravjayswal18@gmail.com) |

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| **Summary** |
| * Technically accomplished professional with nearly **5 years** of experience in **Hardware Designing** and **Quality Control**. * Currently associated with **P2Power Solutions Pvt. Ltd**, Noida as a **Hardware Designer**. |

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| **Organizational Experience** | | | |
| **Organization Name** | **Duration** | | **Designation** |
| **From** | **To** |
| **P2Power Solutions Pvt. Ltd., Noida** | May 2018 | Till date | **Hardware Designer** |
| **Caire Consult, Greater Noida** | Nov  2013 | April  2018 | **Quality Manager** |

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| **Skill Sets** | |
| **Software** | Solidworks, Autocad, CATIA V5, M.S. Office, M. S. Excel, Coral Draw, Lab View, Modscan etc. |
| **Measuring Equipments** | Perfect knowledge of Measuring Equipments (Vernier Calipers, Micrometer, Multimeter, Coating thickness tester etc.) |
| **Incoming Inspection** | Incoming Inspection of Materials (GI Sheet gauge inspection, Coating Measurement etc.) |
| **Calibration** | Calibration of Measuring equipments (VAQs & CO2 Sensors etc.) |
| **Programming** | Programming in HVAC Controller with the help of Smart key & PGD or eXtreme Burner-AVR software. |
| **Air-Flow Measurement** | Measurement of CFM with CFM meter or HVAC Controller. |
| **Testing** | Testing of VAQs, HVAC Controllers, Actuator, Thermostat, DP Sensor, CO2 Sensor, PLD, Fire Damper etc. |
| **Test Certificate** | Preparation of Test Certificates, Incoming Inspection Report, Commissioning Report, SOP of various process etc. |
| **Design** | Design of Label as per air-flow of VAQs, VCD and Fire Damper etc. in Corel Draw. |
| **Final checking** | Making setup of Controller with VAQs and final test with air flow and prepare them for ready to dispatch. |
| **Others** | Basic knowledge of 7-QC Tools ( Check sheet, Histogram, Paraeto Analysis,Fish bone diagram, Scatter Diagram, Flow Chart, Control Chart ). |

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| **Work Experience – Key Project Details** | | |
| **P2Power Solutions Pvt. Ltd., Noida** | | |
| P2 Power Solutions was established in 2006 in the R&D lab of IIT Kharagpur by a group of IIT B.Tech students and faculty. The company was built with the vision to provide energy efficient solutions through continuous technology innovations. | | |
| **Projects Executed** | | |
| **Project Name** | **300 Amp. Active filter** | |
|  | **Role:** | **Design Engineer** |
| **Client:** | Voltas |
| **Tool:** | Solidworks |
| **Roles and Responsibilities** | * Preparation of Complete assembly of 300amp. Active filter by using sheet metal concept and advance mate concept in Solidworks. * Also 3-D model Preparation of following Items :- * Mounting Plate, Contactor, Insulator, Relay etc. * SMPS, MCCB, Terminal Block, Pre charge resistance etc. * HMI Card, DSP Controller, Selector Switch, MCV etc. * Sensor Card, Shocket, Stack, Choke, Briddle Resistance etc * Ripple Resistance, Ripple Capacitor, Gate Driver etc. * Snobber Resistance, Snobber Capacitor, etc. * IGBT, Blower, Top Mounting, Gasket etc. |
| **Project Name** | **Design of Plates, Heat Sink and Heat Sink Base** | |
|  | **Role:** | **Design Engineer** |
| **Client:** | CHW Forge |
| **Tool:** | Solidworks, Autocad |
| **Roles and Responsibilities** | Preparation of following :-   * +ve copper and insulation plate for 75 Amp, 100 Amp, 250 Amp And 300 Amp Stack. * Reference copper and insulation plate for 75 Amp, 100 Amp, 250 Amp And 300 Amp Stack. * -ve copper and insulation plate for 75 Amp, 100 Amp, 250 Amp And 300 Amp Stack. * Heat Sink for 75Amp, 100Amp, 250Amp And 300 Amp Stack. * Heat Sink Base for 75Amp, 100Amp, 250Amp And 300 Amp Stack. * Complete 2-D Creation of IGBT, Capacitor, Plates, Heat Sink and its Base for 75Amp, 100Amp, 250Amp And 300 Amp Stack in Autocad. * Complete 3-D Assembly of Heat Sink and its Base for 300 Amp Stack by using Sheet Metal concept and Advance Mate Concept in Solidworks. |
| **Project Name** | **800 Kvar and 1000 Kvar HPFC (Hybrid Power Factor Correction) Panel.** | |
|  | **Role:** | **Design Engineer** |
| **Client:** | Tricolite Electricals |
| **Tool:** | Autocad |
| **Roles and Responsibilities** | Preparation of following :-   * General Arrangement Diagram * Single Line Diagram * Bill Of Materials * Schematic Diagram * Single Line Diagram |

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| **Caire Consult, Greater Noida** |
| Caire Consult is a leading company in India, designing and manufacturing state of the art products for HVAC control and management systems under the brand 'CONAIRE'. |
| **Roles and Responsibilities**   1. **Incoming Inspection / Receipt Inspection:-** 1.Request for inspection from store.   2. Testing of each raw material before it is used in the production  process.  (A) GI Sheet guage inspection by using micrometer.  (B) GI Sheet Coating measurement by using coating tester.  (C) Dimensions of Bearing Square shaft by using Vernier Caliper.  (D) Inspection Of Gears, Bush, Blades, pin-85 mm. etc.  3. Preparation of Incoming Inspection Report.  4. Material Confirm / Non-Confirm as per Control Plan.  5. Provide Information to store and they take action as per  “procedure for control of Non-Confirming Product”.   1. **In-process Inspection / Set-up Approval :-** 1.Request for set-up approval from production.   2.**Dimensional inspection**-Inspection of length, Width & height by  using measuring tape of Following :-   1. VAQs (Variable Air Quality station ) and   (B) VCD (Volume Control Damper )  3. **Visual Inspection-**Checking of Rotation of blades ( open/close ) ,  Actuator fitting, Leakage in pipe etc. performs properly or not.   1. **Control of Monitoring and Measuring Equipments :-** 1.Prepare Calibration plan for VAQs .   **2**. Provide air flow from VFD to VAQs and take readings from  Manometer and get Calibration values from Lab View  Software.  3. Do programming in Controller by using Smart key or eXtreme  Burner-AVR software.  4. Feed Calibration data into Controller by using PGD or  Modscan.   1. **Final Inspection / Pre-Dispatch :-** 1. Prepare set-up for final testing of VAQs corresponding to its controller.   2. Check its Modscan data ( Damper position, , differential pressure, Actual  air flow, Demand air flow, temperature/co2/co set point, Device id etc.)  3. Prepare Label of VAQs , VCD, Fire Damper etc. on Corel Draw Software.  4. Attach Lables to its corresponding dampers.  5. Prepare Test Certificate of VAQs, VCD, Fire Damper, Grilles etc.  6. Prepare SOP of the process.  7. prepare Commissioning report of site. |

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| **Achievements** |
| * Received Cash Award for Best Attendance & Best Employee Award – 2 times till now. |
| * Got 1st Highest Mark in Mathematics in B.Tech 3rd Semester. |
| * Aquired **CCC ( Course on Computer Concepts ) Certificate** from NIELIT ( National Institute of Electronics and Information Technology ) , Ministry of Electronics and Information Technology, Government of India. |

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| **Personal Strengths** |
| * Good problem solving skills, critical thinking. |
| * Disciplined, dedicated to work, optimistic and motivated. |
| * Hard working, good listener and quick learner. |

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| **Educational Qualification** |
| * B.Tech in **Mechanical Engineering** specialization in **Manufacturing Technology** with aggregate **71.36%** from **J.S.S. Academy of Technical Education, Noida, (U.P.)** in 2012. |
| * Intermediate passed from U.P. Board in 2005. |
| * High school passed from U.P. Board in 2003. |

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| **Personal Information** | |
| **Father’s Name** | Mr. Shitala Prasad Jayswal |
| **Date of Birth** | 08th May 1988 |
| **Marital Status** | Married |
| **Nationality** | Indian |
| **Sex** | Male |

I hereby declare that the information given above is true to the best of my knowledge.

**Date:**

**Place: Noida Gaurav Jayswal**