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**PRASHANT KUMAR PATHAK**Ph No.- +91-9470602194 | Email.- prashantbwj@gmail.com

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**SECTION OFFICER, RESEARCH AND DEVELOPMENT**

Production Manager and Design Specialist with 3.3 years experience in fast paced environment. Excellent communication, management, design, and programming skills. Ability to work independently or as a part of team member to meet project deadlines. Multi-tasking with a high-level of adaptability. Demonstrated ability to provide exceptional support and quality service for a broad range of products.

**Area of expertise include:-**

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|--------------------------------------|---------------------------------------|-------------------------|
| • Plastic Injection Molding          | • Quality Assurance                   | • Resource optimization |
| • Team & Floor Management            | • Production Activities               | • CAD/ CAM              |
| • Precision Machining (EDM, Wirecut) | • VMC Programming and troubleshooting | • UG NX                 |
| • New Product Development            | • Material Handling                   | • AutoCAD               |
| • Kaizen                             | • Engineering Drawings                | • CATIA                 |

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**PROFESSIONAL EXPERIENCE**

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P N INTERNATIONAL PVT. LTD. (KARAM), UNIT-1

MAR 2020-PRESENT

**Section Officer, R&D | Category- Production**

*Deputed as member of R&D team to handle the design and production of molded products. Accountable for entire lifecycle of developing product; right from initial phase till handing-over to production team which includes, Mold part designing, Injection Molds development assembly and production. Successfully achieved Proper assembly of molded parts, passing through testing parameters, and suggesting rectifications (if required); Quality targets, Cycle time reduction of Injection Molds.*

**Key Contributions**

- To prepare 3D model of new product and Injection Molds as per concept or 2D sketch as per design development plan.
- VMC programming and troubleshooting of new Hand/Injection Molds as per VMC planning sheet.
- Ensuring proper assembly and functioning of New developed Injection Molds either Outsourced or made in-house through successful mould trials and suggesting rectification (if required).
- ERP utilization for raw materials and tools required for machining.

- Manpower deployment & handling them on shop floor.
- Strategic Planning for production of Injection Molds as per New Product Development Plan.
- Facilitating & implementing improvement activities like KAIZEN, Quality circle, etc.
- Daily production report filling, checking and monitoring on machines
- Proper Documentation for a better track record of production floor and developing products including NPD track sheet.
- Generate SRF (Sample Request Form) to outsource samples for development out of the country as per requirement.

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Krishna Futuristic Solution

MAR 2018- MAR 2020

### **Mechanical Design Engineer**

*Hired as a Design engineer for developing CAD files using Solid Works, CATIA, for reverse engineering projects. Accountable for generation of Engineering Drawings using AutoCAD. Suggesting rectification in products (wherever required).*

### **Key Contributions**

- Develop detailed design and fabrication drawings and specifications for Mechanical components of machines, tools, and equipments using Computer Aided Design (CAD) tools.
- Creation of 3D model and assemblies. And use of reverse engineering methodology to replicate and customize tools, equipments and assemblies.
- Layout and draw schematic, orthographic, and angle views to depict functional relationships of components, assemblies, systems, and machines.
- Coordinate with and consult other workers to design, layout, or detail components and systems and to resolve design and other problems.
- Modify and revise designs to correct operating deficiencies to reduce production problems.
- Supervise and train other drafters, technologist, and technicians.

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### **EDUCATION AND TECHNICAL COMPETENCIES**

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|---|-----------|
| <ul style="list-style-type: none"> <li>• <b>B.Tech (Mechanical Engineering), Asansol Engineering College</b><br/>West Bengal University Of Technology<br/>Kolkata, West Bengal</li> </ul> | JUN, 2017 |
| <ul style="list-style-type: none"> <li>• <b>SENIOR SECONDARY, Jai Hind Public School</b><br/>C.B.S.E<br/>Gaya, Bihar</li> </ul>   | MAR 2013  |
| <ul style="list-style-type: none"> <li>• <b>HIGHER SECONDARY, Leeds Asian School</b><br/>C.B.S.E<br/>Patna, Bihar</li> </ul>  | MAR 2011  |

## **TRAINING**

- Vocational training at Mejia Thermal Power Station (MTPS), DVC, Mejia.
- Design and Analysis under supervision of CSIR CMERI, Durgapur.
- Training on Oracle based ERP module.
- 3 months of on-job training on production floor.

## **ACHIEVEMENTS**

- Published online journal titled “Numerical Analysis of Cyclone Separator” on STM Journals.
- Awarded by Rotary Patna Mahanagar Award for interschool drawing competition.

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## **PERSONAL INFORMATION**

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**Father's Name :** Pradeep Pathak

**Date of Birth :** 20<sup>TH</sup> JAN,1995

**Nationality :** Indian

**Languages :** English, Hindi

**Hobbies :** Making sketches

**RESIDENCE:-** Lucknow, Uttar Pradesh

### **Declaration:**

I hereby declare that the above mentioned information is true to the best of my knowledge and bear the responsibility for the correctness of the above mentioned data.

PRASHANT KUMAR PATHAK