

# **RESUME**

**VIKAS SINGH**

**Experience: 7+ Years**

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## **Career Objective**

I would like to associate with an organization which gives me an opportunity to explore my talent in the areas of R&D, and Design with continuous learning for self and development of the organization.

## **Professional Summary**

- 5.8 years of experience as Design Engineer in Agriculture and Manufacturing industry.
- 1.7 years of experience as CAD Consultant in CADD Centre.
- Knowledge of Reverse engineering Projects.
- Knowledge of GD&T and welding.
- Knowledge of process involved in NPD of Harvester.
- Knowledge to work on vehicle integration topics.
- Knowledge of laser cut part and press brake bending.
- Knowledge of BOM management in 3Dcom and SAP (Variants, Generic, Engineering & Production BOMs).
- Knowledge of controlled documents for ECO and ECR processes.
- Knowledge of SAP for ECO, ECR, BOM generation and data checking.
- Knowledge of Part, Surface, sheet metal, assembly and drawing module of CAD software.
- Knowledge to implement CMVR requirements on Harvester.
- Exposure to work on VA/VE topics.
- Exposure of Material Selection for sheet metal components and standard sections.
- Exposure of 3D pipe bending machine.
- Exposure of fixture development for sheet metal welded assembly.
- Exposure to work on harness design for combine harvester.
- Exposure to resolve the fitment issues and development issues on the basis of proto & T&V Reports.

## **Software Skills**

- CAD Software: CATIA V5 & V6 2018X, Solid Works 2014, Pro-e wildfire 5.0, CREO2.0 & AutoCAD 2020.
- PLM Software: 3D Experience, ENOVIA 3Dcom, VPM V4, SAP.
- Other software: MS Word, Excel, PowerPoint, Corel Draw and Key shot.

## **Professional Experience**

- Working at CLAAS India Pvt Ltd, Morinda as Sr. Design Engineer since December 2018 to Present.
- Worked at CLAAS India Pvt Ltd, Morinda with onsite deputation as Design Engineer from NIICT Chandigarh. from February 2017 to November 2018.
- Worked as a Design Engineer as freelancer from September 2015 to January 2017 with below mentioned Company.
  - Multisoft Systems Pvt. Ltd. - Noida – U. P
  - Extru-tech Pvt. Ltd. - Bahadurgarh – Haryana
  - India International Pvt. Ltd. - Moradabad – U. P
  - A.C. Brothers Pvt. Ltd. - Moradabad - U. P
- Worked at CADD Center Training Services Dwarka Delhi as a CAD Consultant from January 2014 to August 2015.

### **CPD Project@ CLAAS India**

- CT30/40 TT
- CT30/40 W
- Dominator 40 T

### **NPD Project@ CLAAS India**

- Dominator 40 W
- Face lift Gen 3rd
- MAKSAS Machine
- Hooked header
- Dominator 50 W

### **Role@ CLAAS India**

- Responsible to design the machine and header covers, platform, railing, canopy frame and ladder based on styling input, CFT feedback and customer requirements using CATIA V6.
- Implemented VA/VE ideas into design of covers, Platform, Railing and Ladder.
- Responsible to prepare the drawings for covers (Sheet metal part, welding and assembly drawing).
- Responsible for data checking and data locking into ENOVIA through ECO.
- Responsible to prepare the document for ECR/ECO and lock them through SAP.
- Responsible to prepare the PPT and Add/Delete list during ECR.
- Responsible for work planning to achieve the target date for the project.
- Responsible for tracking of projects and parts movement status during FUM and Proto build.
- Responsible to raise the BANF, laser and bending request and track till part receiving.
- Responsible to resolve the problem at supplier.

### **Summary @ FREELANCING**

- 2D to 3D Generation during Migration from UG drawing to Solid work models and drawings.
- Prepared the 3D Model according to company need and also prepared the 2D Drawing for manufacturing the product.
- Prepared the assembly sequence in drawing for the product.
- Completed the in house trainings on CAD Software for many colleges on different locations.
- Provided the seminars on CAD Software in Colleges.

### **Project @ Multisoft Pvt. Ltd**

- Provided online and offline training on CAD Software to Students and Working Professionals from India and other countries.
- Completed the AutoCAD training in Finesta Pvt. Ltd. Gurgaon.
- Completed the quality trainings within timeline.

### **Project @ Extru-tech pvt. Ltd**

- Prepared the design of extruder machine with reverse engineering on solid work software.
- Prepared the drawing for machine parts.
- Exposure of machining, gas cutting and welding process

### **Project @ India international pvt. Ltd**

- Prepared the CAD model and drawing for Lamp, Utensils and cutlery items by using Solid works, CorelDraw and key shot software.
- Defined the assembly sequence in drawing for manufacturing the product.

### **Project @ A.C brothers pvt. Ltd**

- Prepared the CAD model and drawing of Furniture, utensils and export items based on different theme using Solid works, CorelDraw and key shot software.
- Defined the assembly sequence in drawing for manufacturing the product.
- Exposure of casting and machining processes.

### **Role@ CADD CENTRE**

- Teaching on CAD Software to College Students and Working Professionals.
- Provided the Presentation in Different Colleges and also completed the In house trainings on Different locations.

### **Academic Profile**

- B-Tech in Mechanical Engineering from Uttar Pradesh Technical University in 2013.
- 12th from S. M. Inter College chandausi in 2008.
- 10th From Model Public school chandausi in 2005.

### **Strengths**

- Good Analytical & Technical Skills.
- Fast Learner.
- Soft Spoken.
- Ready to take challenges.
- Ability of problem solving with good Communication skills.

### **Personal Details**

Father's Name : Sh. Dharam Raj Singh  
Date of Birth : July 01.1990  
Languages : English, Hindi  
Nationality : Indian  
Marital Status : Married  
Address : Shivalik city Mohali-140301  
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### **Declaration**

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

**(Vikas Singh)**