B.E Mechanical Production and Industrial Engineering with 3 years of experience in Product Design” from Concept till Prototype & Delivery in the domains of Heavy Engineering, Automobile and Structural detailing.

Bharat Kumar Tatina

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| Summary |

* Working as a Design Associate Engineer-II in Engineering Services at DELL Solutions, Hyderabad from JAN 2012 in the domain of Heavy Engineering-Truck Design (Heavy earth moving equipment) for CATERPILLAR and in Automobile engineering domain for HARLEY DEVIDSON Worked in Product Design, Development & Validation based on customer requirement & with the help of supporting tools Pro-E wild fire 4.0(Sheet Metal, Mechanism, Mechanica, Citrix-Team Center, HVC, SIFT, Siemens – Team Center Visualization Mock up, DFMA, DFME) and using Creo2.0(Modeling, detailing, Wind-chill and VADAR).
* Worked as a Design Engineer (Mech.) at Hillock Technologies. Hyderabad. For 7 months in the domain of Industrial Equipments. Worked in Detailing of bracing members and roof structures, based on customer requirement & with the help of 3D supporting tool (Auto CAD).

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| Educational Qualification |

* B.E in Mechanical Production and Industrial Engineering, GITAM, A.U, in the year of 2010.

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| Skill Set |

**Designing software:**

* Pro-E wild fire 4.0, Creo 2.0, Catia V5, Solid works, Vis-Mock Up & AutoCAD 2010 & Inventor.
* Solid Modeling, Assembly, Drafting & Sheet Metal, Pro-Mechnica.
* Worked on PDM tools Team Center and Wind Chill.

**Technical skills:**

* Good knowledge on GD&T, Value Engineering.

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| Trainings |

1. Product Design training for 3 months period in DELL Solutions.
2. GD & T and Value Engineering training in DELL Solutions.
3. Machining process, Sheet Metal design, Detailing training program in DELL solutions.

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| Achievements |

* As a pro-active member in the team, got an opportunity to interact with clients to get the project details and distributed the work within the team.
* Owning to my technical expertise got an opportunity as an acting team lead within 3 months of joining the organization.

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| Career Profile: |

1. From January 2012 to till now, DELL Solutions, Hyderabad

**Project#1:** Medium Wheel Loaders Design of Medium wheel loaders (MWL) a New Product Introduction (NPI). (May 2012 – August 2013)

Client: Caterpillar Inc., U.S.A

*Roles & Responsibilities:*

* Involved the design of rear boxes, side panels, Hydraulic service centre and platform for the MWL trucks NPI and CPI.
* Worked on the concept design and development of the Fenders, Hand rails, Sound suppression panels and access system which includes the Platform, Handrails and Ladders.
* Worked on the creation of the conceptual models using Pro Engineer a modeling tool.
* Worked on the Virtual Validation of the concepts for validating the designs using Pro-Mechanica analysis software.
* Worked on creating the virtual validation models for the concept designs to be analyzed.
* Collaborating with the offshore analysis team and other cross functional teams to enhance the NPI concept development process.
* Optimizing the designs of various assemblies and components to minimize the cost and weight

**Project#2:** Tolerance stack up for the linear dimensioning of Hydraulic service center

*Title*  : Tolerance stack up for the door assembly using linear dimensioning.

*Duration* : Sep-2013 to November-2013

*Software used* : ProE for model review and clearance calculations.

*Roles & Responsibilities :*

* As a team member, I have given a good support to my team lead and did all the calculations and final documentation for the clients.
* Using Equi-Bilateral tolerance did all the calculations and the worst case tolerance zone has been identified and documented all the results.

**Project#3**: Modeling & Detailing of Electrical Harness

*Client* : Caterpillar, India.

*Role*  : Team Member.

*Tools* : Pro/E Wildfire 4.0 (Cabling, Modeling, Assembling & Drafting)

*Description*  : Routing electrical harness, creating manufacturing drawing using Pro Cabling.

*Roles & Responsibilities:*

* Experience in Routing the Electric harness, Schematic and creating the manufacturing drawing, design / modify group assemblies using Pro cabling.
* Worked on Detailing and Modeling changes for 793F, 785G Trucks.
* Routing of electrical harness, flattening of harness and creation of harness manufacture drawing from the electrical engineers schematic input
* Handle responsibilities of designing electrical wire harnesses and optimizing wire harness designs
* Handle the tasks of molding wiring assemblies by using Pro/E modeling software
* Responsible for providing design data and specifications to support in design modification procedures.

**Project#4:** Modelling and detailing, (February 2014 to Till date).

*Client* : Harley-Davidson, U.S.A.

*Role*  : Team Member.

*Tools* : Creo.2, PDM, Wind Chill, VADAR.

*Description*  : Modeling and detailing using Creo 2.0.

*Role & Responsibilities:*

* Worked on modelling and detailing HD parts using Creo2.0.
* Worked on PDM link to update changes as per client requirement.
* Used VADAR link to download reference drawings and updated the new parts as required.

**Project#5:** DSBU (Drive System Business Unit), (January 2012 to April 2012).

*Client* : Caterpillar, India.

*Role*  : Team Member.

*Tools* : Pro/E Wildfire 4.0, Team Center and HVC.

*Description*  : Model clean up, GPGR errors, EDS-JT errors, BVR reports, Assembly.

*Role & Responsibilities:*

* Worked as an acting team lead for DSBU and managing the QMS documents perfectly.
* Monitored the team members and helped them to solve EDS-JT errors, GPGR errors and generating BVR reports using Team Center.
* Trained 8 new associate about solving the errors and generating BVR reports using Team Center.

1. From July 2011 to January 2012, Hillock Technologies, Hyderabad.

*Job Title* : Structural steel detailing for Conveyors and Industrial sheds, IIC Technologies.

*Tool used* : Auto CAD 2010.

*Duration* : 7 months

*Role & Responsibilities:*

* Developing the single line drawing into 3D layouts.
* Creating BOM for the structures and calculating entire weight of the bars.
* I trained the new members on Auto 2010 and detailing standards of IIC.
* Handling projects and assigning projects to new members by coordinating with clients.
* Good Analytical, Communication, Presentation skills & Good Interpersonal skills.

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| Personal Details |

Name : Bharat Kumar Tatina

Date of Birth : 04-FEB-1989

Sex : Male

Nationality : Indian

Marital Status : Single

Present Address : H.NO-1-4/2/A

Goutham Nagar,

Chandanagar,

Hyderabad – 500050

Current CTC : 4.0 LPA

DECLARATION:

I hereby declare that all above furnished details are true and best of my knowledge.

Place: Hyderabad

Date: 20MAY2014

T Bharat Kumar