

MUZAFAR SANADI

CONTACT



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CORE QUALIFICATIONS

- Skills Summary
- Software Expertise:
- CAD/CAE Package: Proficient in Creo 7.0, UG NX, Solid Edge, Catia
- AutoCAD
- Collaboration skills
- PLM Platforms: Windchill
- ERP software: SAP, Netterm
- ASME & ISO standards (worked for American, Asia & European Customers)
- Exposure to Materials, Manufacturing, Process & GD&T knowledge
- Benchmarking Data report study & analysis
- Value Added Responsibilities and Contributions:
- Maintaining/Tracking of Individuals man-hours within the Team
- Organizer for daily Teams meeting and getting updates from each on respective task
- Took responsibility on Projects with 100% Quality Deliveries
- Provided and executed Concept design proposals for detent mechanism with reliable solutions.
- RFQ projects from Designs to BOM until Prototype requirement Drawings are created and maintained
- Ability to handle project data and resources, communication with customer coordinators and project
- Work execution as per planning.
- Supported Team Leaders and Quality Champions for external and internal Audit.
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- Proficiency Forte

Innovative with comprehensive experience in design and project management. Committed to apply visual composition to develop strong portfolio for company.

Fascinated to work in challenging assignments in presumed and well-known organization where I can exercise my existing skills & Experience to the best and acquire new skills to reinforce my knowledge base and to contribute more for the organization across the world at various levels.

EXPERIENCE

January 2015 - Current

Lead Designer & Product Specialist *Bosch Global Software Technology*, Bangalore, India

- Became subject matter expert for content delivery by keeping up personal knowledge of current trends and technologies.
- Created high-quality construction drawings to aid transitions from conception through to build.
- Self-managed design projects through entire lifecycles and collaborated with producers and project managers to meet timelines.
- Utilised modern design principles and techniques to design, prototype and build products customers love and need.
- Designed high-fidelity mock-ups of solutions utilising modern design tools to create interactive prototypes for customer pitch meetings.
- Managed multiple priorities, clients and stakeholders within fast-paced and rapidly changing environment.
- Significant Projects
- Project-1 : Design and Development of detent mechanism, :
- To Design and Development of detent for 2 TH6 blade application,
- Design of a mechanical system which can run for 1,00,000 cycles
- Ability to generate a torque of 8-11 N-mm for pre-feeling
- Ability to get locked after pre-feeling at an angle of 2125'
- Development of the new components in India
- Requirement, Conceptualisation & Calculations:
- Implementation of BESPE - Requirement approach
- Organized Ideation platform to generate ideas
- Used Morphological approach and DAR analysis to be filtering it out the concepts
- DRBFM
- FEA analysis on 3D component to check the stresses developed in the component
- Calculation (Forces, Spring plunger, Bolt, etc.)
- Highlights:
- Cost reduction of $\approx 25\%$ with robust design
- Ease of assembly
- Supplier identified (India)
- Ease of serviceability - parts can be replaced easily
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- Visited France (Lyon) to get trained and to give training on upcoming programs & to have
- Hydraulic Joystick and Control Valves.
- Works productively with others in a team environment.
- Grasps technical concepts and communicates them quickly.
- Effective verbal and written communication skills.
- Quick to learn and assimilate new concepts.
- Comprehensive problem-solving skills.
- Interacting with customers for design clarification & approval.
- Multi-tasking abilities
- Analytical skills
- Computer literate
- Quality focused
- Quick learner

LANGUAGES

English, Hindi, Kannada, Marathi.

ADDITIONAL INFORMATION

- 10 years of experience in Hydraulic Design with current role as Senior Engineer with broad skills on Creo 7.0, Product Life Cycle & Product Line Engineering. 1 year of experience as Quality Engineer. New Product design & development in Hydraulic Joystick and Control Valves. Professional in SAP (Material master module & Variant configuration). Advanced DFMEA training completed in Bosch (TQ11& TQ12). Worked of complete design and development of Joystick and components developed in India. DRBFM L2 certified from Bosch. Created configurator using Option Modeler for Hydraulic Joystick and Control Valves Automated the SAP processes using GuiXT (90% saving) Project management, planning and execution experience

CERTIFICATIONS

- DRBFM L2
- PMP course participation

- Project -2 : Development of configurator, Development of a configurator for automatically generating CAD documents as per required Specifications
- Key Challenges:
- Managing a Team of 3 Members and coordinating with Counter parts
- Generating ideas towards automatic creation of models and drawing
- Using Option Modeler and creating models
- Development of configurator
- Value Added's:
- Training different teams globally on option modeler
- Automatic creation of models and drawings
- Productivity and Quality improvement
- Project-3 : Design of Load sensing Hydraulic valve
- Submitted rough drafts to clients and management to gain feedback to improve designs.

November 2012 - January 2015

Engineer *Dynamics Technologies*, Bangalore, India

- Project-1 : Design and development of a Hydraulic external gear pump
- Responsibilities:
- This project involved development of new design to meet customer requirement
- Preparing preliminary BOM (ERP), Part models, Detail assembly and Component drawings (PRO-E) as per customer requirement
- APQP & simulation of components, DFMEA to verify product feasibility at various working condition
- New vendor assessment and developed the Components in stipulated time to meet the customer requirement ,Project planning& tracking included components development ,Pump testing and validation were carried out periodically to avoid defaults
- Project 2 : Design and development of a Pressure relief Valve
- Responsibilities:
- This project involved development of new design to meet customer requirement
- Preparing preliminary BOM (ERP), Part models, Detail assembly and Component drawings (PRO-E) as per customer requirement
- APQP & simulation of components, DFMEA to verify product feasibility at various working condition
- New vendor assessment and developed the Components in stipulated time to meet the customer requirement, Project planning& tracking included components development ,Valve testing and validation were carried out periodically to avoid defaults.

June 2008 - May 2009

Engineer *Mahant Industry* , Belgaum, India

- Kept project leaders regularly updated with progress, maintaining open, productive communication.
- Provided technical support to troubleshoot, repair and maintain operational efficiencies in hydraulic, mechanical and electrical systems.

- DFMEA

LANGUAGES

English: First Language

English:  C2

Proficient

Hindi:  C2

Proficient

Kannada:  C2

Proficient

Marathi:  C2

Proficient

Urdu:  B1

Intermediate

DRBFM L2

- Course completed in Bosch

EDUCATION

2012

Bachelor of Engineering Mechanical Engineering

KLE'S College of Engineering & Technology, Belgaum, KA

GPA: 76.43

2008

Diploma Mechanical Engineering

Government Polytechnic, Belgaum, KA

GPA: 67.75

2004

SSLC

Karnataka Secondary Education Examination Board Bangalore,

Belgaum, KA

GPA: 67.20

INTERESTS

Passport : Available Hobbies and Interest: , Singing, Cricket,
Bowling, Snooker & Carom