**MALLIKARJUNA ANAJI**

**Phone:** 9900311008

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Enterprising leader and planner with skills in leading **Engineering (R&D) Development** from concept and design to development, targeting assignments in:

**Engineering Design & Development / Research & Development**

Made recommendations for product design, built layouts, design and drawings of parts and assemblies with GD&T, 3D-Assembly for manufacturing using Pro/E Wildfire 4.0.

**PROFILE SUMMARY**

* **Competent Professional** **with over 12 years of experience** in leading the integrated technology development roadmap and managing the project planning, liaison on resource allocation and financial management
* Managed end-to-end **Product Design & Development with specialisation in design of Hydraulic Double Acting Cylinders for Forestry Application**
* **Built strategy for new product engineering design & development** **and drove implementation of value engineering methodologies and technology**
* Highly skilled in ideating ideas and facilitating delivery of new products, with responsibility of business enquiries, continual improvement and new growth opportunities
* Proficient in managing end-to-end product design & development including requirement analysis, finalizing specifications, prototyping, testing, failure mode design analysis, field quality & field failure improvement, vendor management and quality management
* Experience of presenting support to Wipro Manufacturing Plant at Chennai Production as Design Representative
* **Awarded** **Feather-In-My-Cap** **by Wipro for the in time deliverables and quality in critical project time**
* Initiated use of **Engineering Change Note (ECN) for improvement of projects through SAP**
* **Gained considerable experience in using Hydraulic Double Acting Cylinders for forestry application**
* **Executed modelling, drafting, assembly & detailing modules of Creo/Pro E Wildfire 5.0**
* **Knowledge of Pro/E Modules like Pro/Part, Pro/Sheet Metal, Pro/Detailing & Pro/Assembly with sound knowledge of Winchill 9.1 & Pro/Intralink**
* Maintained design database, assessed reusability of existing parts and managed large **assemblies & complex projects through Pro-E/PDM**
* An effective communicator and team leader with excellent analytical and problem solving skills

**KEY SKILLS**

**Engineering Design & Development R & D Project Management**

**Value Engineering Quality Management Engineering Change Management**

**New Product Development Continuous Improvement Team Management**

**ORGANISATIONAL EXPERIENCE**

**Since May’14: Wipro Infrastructure Engineering, Bangalore as Engineer (R&D)**

**Key Result Areas:**

* such Developing conceptual designs & part drawings and setting-up specifications & other data for layout drawings
* Designing, documenting & detailing out all physical aspects of product line by generating 3D CAD files and BOMs
* Creating fabrication drawings as per site measurements; preparing standardized documents and formats of fabrication drawings
* Impressive success in innovating new designs for existing products, as well as coming up with cost-efficient products, based upon market / customer feedback
* Working in synergy with client / manufacturing facility / engineers to analyze and rationalize designs of components
* Implementing Value Analysis and Value Engineering initiatives to achieve standardization and reduce costs
* Assessing drawings and modifying the same before release for proto and production
* Working on the Engineering Change Note (ECN) for improvement of projects through SAP
* Maintaining design database, identifying reusability of existing parts and managing large assemblies & complex projects through Pro-E/PDM
* Monitoring drawings of parts and assemblies with GD&T, 3D-Assembly for manufacturing using Pro/E Wildfire 5.0.
* Conducting design calculations for freezing the design concept
* Designed process improvements to meet technical needs which includes creation of mass balances, process flow diagrams, and cost estimation for modifying processes
* Experience in executing high value projects within schedule for high profile clients
* Implementing the concept of value engineering for the existing projects and achieving cost reduction
* Formulating bill of materials in SAP & enabling material resource planning
* Using various components to bring down the variants and resolving product / parts related issues of new design in production and significantly reduced the Internal Rejection (IR)
* Recommeding designs for products in assembly & manufacturing and modifying before release for proto/ production
* Supervising the Releasing Engineering Change Note (ECN) for improvement of projects through SAP
* Initiating concept of value engineering for the existing projects and achieving cost reduction
* Identifying reusability of existing parts and managing large assemblies & complex projects through Pro-E/PDM; reviewing and uploading drawings through Windchill 11.0
* Liaising with **CFT Teams like NPI** from sourcing & production to better delivery
* Improved safety by analysing the critical sections, feasibility study for new conceptual designs
* Merit of reducing Internal Rejection (IR), standardizing components and resolving issues of new design in production

**Highlights:**

* Merit of steering following Hydraulic Cylinder Design / Development Projects including:
* Hydraulic Double acting Cylinders & its variants for India, Europe for Forestry application
* Standardised the products using Family Table Application in Creo
* Successfully initiated:
* Family table concept for variants of cylinder components to save the time
* Reviewing and uploading drawings through Windchill 9.1
* Worked on Double-Acting Hydraulic Cylinder Design/ Development and deliverables and CFT discussions to enhance better product
* Introduced Family Table Concept for variants of cylinder and it's components

**Projects Managed:**

* Hydraulic Double Acting / Single Acting Cylinder & its variants for India, Europe for Crane Application & Forestry Application

**Apr’11-Apr’14: Tech Mahindra Ltd., Bangalore as Senior Engineer**

**Highlights**:

* Played a key role as team member in the engineering design group; undertook 3D modelling of parts and assemblies in the design; created detailed manufacturing drawing for electrical part
* Worked on various products like contactors, thermal overload relays & manual motors starters
* Steered engineering changes using PDM

**Previous EXPERIENCE**

**Jul’10-Apr’11: Actualize Consulting Engineers Pvt. Ltd., Bangalore as Engineer**

**Sep’07-Jun’10: Dyna Vac Systems, Bangalore as Junior Design Engineer**

**ACADEMIC DETAILS**

* Diploma in Mechanical Engineering, Haunsabhavi in 2006
* B.Tech. Mechanical Engineering, KSOU in 2016

**IT SKILLS**

**Operating System:** Windows NT4, MS DOS

**Tools:** Pro-E Wildfire 5.0, & AutoCAD

**TRAININGS ATTENDED**

* Introduction to Windchill 9.1 Basic Training
* GD&T Training

**PERSONAL DETAILS**

**Date of Birth:** 1st July 1984

**Address**: House No. 1802, Ground Floor, Gidad Konen Halli, Bangalore - 560091

**Languages Known:** English, Hindi & Kannada