

Krishna Murthy T

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Objective:

Aim to associate with an organization which can provide me opportunity to work to deliver tasks in time and improve my professional growth. Lead or be a part of the team which works dynamically towards the growth and popularity of the organization with extreme enthusiasm & hard work.

My experience is in design, industrial and manufacturing engineering. I can provide optimized solutions, make use of resource effectively and like to face challenging problems. In coming days we have to focus more and more with the customer needs. Therefore being an expert is very essential (in my opinion) to tackle their problems more efficiently.

Experience Summary:

Manufacturing / Industrial Engineering:

- Work flow & time study in shop floor apart from Infrastructure support, testing & data analysis.
- Operational Support (Resource utilization, material handling & Evaluation of capacity).
- Sourcing support/Trainer/Technical writer

Stress (FEA) Analysis:

- Static / Dynamic Analysis (stress/strain/deflection/tonnage evaluation)
- Bolted joints structural analysis (fatigue/strength/fracture)
- Metal forming process simulation (grain flow/flow velocity/metal crack/lap/temperature study)

Design:

- Machine concepts design, product design and detailing of failure mode analysis.
- Design of automation, templates, jigs & fixtures.
- Tool/die design for all kind of press, hammer & upsetter forging machines.
- GD & T – Dimensioning tolerance analysis to control the process for accuracy.

Project Management: From RFQ to SOP, for all kind of components like fabrication, casting, metal forming, machining, composite (FRP), standard tools, fasteners in large assembly.

Software Tools Expert:

Solid Works, UG NX, Creo & Auto CAD II DEFORM & ANSYS II SAP, MS-Office with project.

Highlight Projects:

- ❖ Developed concept design and detailed individual step by step process design for a laundry machine which can be wash blankets/towels/rolls of cloth with steam & ironing.
- ❖ Optimize the design & process for rivet less nut plate which is eliminate drilling, riveting process and time save to do joining process by press work. Actually carried out some iteration to optimize in CAD & FEA analysis before going for prototype samples and validated press tool.
- ❖ Prepare BOM and execute the fabrication, assembly & trial of heavy hydraulic and pneumatic system jig for picking, holding, placing & bonding of dual main shear webs (MSW) on wind turbine composite mold, which is designed by www.hawart.de
- ❖ A bunch of forging components (12 No's) developed on both 1600T press & 3.0T hammer for Daimler Commercial Vehicles India Pvt. Ltd., (DCVI).
- ❖ Design & develop advanced bolster to accommodate 500L X 250W X 152T mm size dies on 1600T forging press. The dies sequence is molder, blocker & finisher dies.



- ❖ Design & develop flash less dies and multi cavity dies for some forging components.
- ❖ Design & develop clipping tool for trimming press. No post forging process like hot padding, cold coining or fettling work after clipping which is differs from normal trimming/piercing process.
- ❖ Design, prepare BOM and execute fabrication of mezzanine structural floor around vertical vacuum furnace for storage and loading/unloading of components to the furnace. Also layout design and cooling pipeline system design for VVF system.
- ❖ Layout design for complete rice mill machineries and optimized capacity deliver of each & every process machine by bucket elevator feed/speed control with all desired inputs to run on fully automatic condition.
- ❖ Forging die design for rocker arm and execution of trials on newly installed 630T press with induction coil billet heater to evaluate installation, in that press jammed due to interrupted in air supply and after that we could not able to take up ram manually due to ram sit at bottom dead centre. Rectified, executed and evaluated forging press operations.

Education:

B.E (Mechanical Engineering) from PESCE, Mandya, University of Mysore

Latest Role: Consultant / Project Engineer since from 2016 @

Maharashtra Forge Pvt. Ltd., Kolhapur, BARC Mysore (Through third party), Bansal Precision Forge Ltd., Bangalore, Warm Forgings Pvt. Ltd., Bangalore, Dhauta Engineering Pvt. Ltd., Udupi, Sri Balaji Rice Mill, Pavagada, Tumkur District, Phoenix Forge Pvt. Ltd., Bangalore, Add Precise Forge Pvt. Ltd., Hubli, Well Forge Pvt. Ltd., Coimbatore, Jinabakul Forge Pvt. Ltd., Belgaum, Sujata Forge Pvt. Ltd., Hyderabad

Past Experience Role: 1995 To 2015

- Sr. Manager – PED @ LGB Forge Ltd., Mysore
- Manager – Design @ KEMS Forgings Ltd., Bangalore
- Manager – Manufacturing Engineering @ SUZLON Energy Ltd., Udupi
- Design/Process Development Engineer @ Stokes Forgings Ltd., Walsall, UK
- Product Design Engineer @ TEXTRON (India) Pvt. Ltd., Bangalore
- Sr. Engineer – Design & Development Engineer @ AFTC., Bangalore
- Tool Room Engineer @ Apten Forgings Pvt. Ltd., Bangalore (Now its LGB Group)
- Tool Room Engineer @ Centura Watchcases Pvt. Ltd., Tumkur

Training Undergone

- ❖ GD & T – Dimensioning tolerance analysis to control the process for accuracy @TEXTRON.
- ❖ My Prospects – To engage with time management effectively @SUZLON
- ❖ Leading Edge – To Improve the leadership skills @SUZLON

Hobbies

- ❖ Cooking, Swimming and Trekking.
- ❖ Watching Cricket & Explore Regional Shows in TV and Listening Music.

Personal Profile

Name	: Krishna Murthy T
Gender	: Male
Date of Birth	: 01 st June 1971
Birth Place	: Tumkur District, Karnataka
Marital Status	: Married
About Family	: Wife (housewife) and Son (7 th Std.)
Languages Known	: English, Hindi, Kannada, and Telugu
Nationality	: Indian
Passport Number	: F1231518