

KAPIL GUPTA

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Objective

Position which provides me an opportunity for professional growth where I should be able to utilize the acquired knowledge and experience.

Summary

Qualified Mechanical Engineer having more than 14 years of industrial experience. Have extensive practical hands-on experience in dealing with 'Product Development and Problem Analysis'. Effective working alone or as a co-operative team member.

HITECH OTTO BUSHINGS P LTD

➤ **January 2015 – Till date** **HITECH OTTO BUSHINGS P LTD**
DEPUTY MANAGER – PRODUCT DEVELOPMENT

Its give us immense pleasure to introduce ourselves as one of the leading manufacturer of Automotive & Engineering components of ferrous and non-ferrous items in India, since 1977. We would like to tell you that our unit comprises of Foundry unit installed with Electric Induction Furnace, Molding Machines, Sand Preparation Plant and Chemical Laboratory, Physical, Metallurgical Laboratory. Also we have full fledged work shop to machine component with CNC/VMC machining facilities in Alwar.(INDIA). We have come to know that you require Graded Cast iron and S.G Iron castings with machining and we want to offer our services for the same. It shall be our pleasure to receive your drawing / component and we assure that with the experienced team. We can supply you component of quality, quantity and assurance deliveries.

Job Profile:

- Setting up of In house Induction melting Iron casting foundry
- Setting & stabilising the process for the iron casting
- Part of the CFT team developing 110+ items for auto mobiles & Earth Moving machines, etc.
- Exporting directly to CLAAS Hungary, & Germany
- Process study & manufacturing capabilities required while developing the parts
- Inspection methodology & quality standards required for the parts
- System audit related activities handling.
- Process Audit related activities
- Had a operating (Familiar) knowledge of operating Mitutoyo CMM.
- Have done 3D scanning of 15+ parts as per the requirements of the customer
- Done round about 20+ casting simulations for the Mold flow analysis of the castings on MAGMA & SNAM Alloys.
- Can independently suggest Methoding of any sand casting part ready for machine molding.
- Can suggest some design & production related inputs at the PROTO stage of the development of the part.

Professional Experience

TAFE MOTORS & TRACTORS LIMITED

➤ **Jan 2012 – August 2014** **TAFE MOTORS & TRACTORS LIMITED**
JUNIOR MANAGER – PRODUCT DEVELOPMENT

TAFE – Tractors and Farm Equipment Limited, is an Indian tractor major incorporated in 1960 at Chennai, with an annual turnover of INR 93 billion (2014-15). The third-largest tractor manufacturer in the world and the second largest in India by volumes, TAFE wields about 25% market share of the Indian tractor industry with a sale of over 150,000 tractors (domestic and international) annually.

TAFE's partnership with AGCO Corporation and the Massey Ferguson brand for over 58 years is a stellar example of its commitment to building long-term relationships with its stakeholders, through fair and ethical business practices. TAFE is also a significant shareholder in AGCO Corporation, USA – a US \$9.4 billion tractor and agricultural equipment manufacturer.

Job Profile:

- Cost settlement for the newly procured parts with the supplier
- New product development activities for the development of Casting & Forging auto parts
- Supplier upgradation programmes.
- Help in setting a proper process flow diagram of the development of the parts at a low level supplier.
- Management of the complete project activities.
- Participated in new project Like, D49 Auto, 125 Kva Genset, 130HP Export model tractors , etc

➤ **March, 2010 – August- 2011** **HONDA SIEL CARS INDIA LTD**
SENIOR EXECUTIVE – TECHNICAL RESEARCH CENTRE (QE)

HONDA SIEL CARS INDIA LTD

Honda Siel Cars India Ltd., (HSCI) was incorporated in December 1995 as a joint venture between Honda Motor Co. Ltd., Japan and Siel Limited, a Siddharth Shriram Group company, with a commitment to providing Honda's latest passenger car models and technologies, to the Indian customers. The total investment made by the company in India till date is Rs 1620 crores in Greater Noida plant and

Job Profile:

- Testing all category parts which includes HVAC, switches, lights and engine parts.
- Checking Performance of HVAC on new model by conducting different tests
- Testing of New Model or running change model as per Japanese standards
- Engineering Changes Implementation on line.
- Drawing study for highlighting Engineering changes
- Cost down projects for making new car of Honda cheaper.
- Market Quality Problem understanding and help in sorting out the problem
- Initial Quality study for all new models to be launched in India.
- Study for parts interchangeability between new and old model.
- Digital Prototyping

Rs 784 crores in
Tapukara plant.

Major Achievement:

DESIGN QUALITY PROJECT LEADER (DQPL) FOR THE NEW 4TH GEN CITY

- Looking after Complete Development activities in accordance with Honda R&D Japan in India.
- Implementing The schedule as per the guidelines issued by the Japan R&D
- Taking Part In all activities related to the design with the complete Car In Japan

Training:

- CATIA V-5 and V-6 training from TATA TECHNOLOGIES LTD.
 - L-1 ----- Basic of CATIA
 - L-2 ----- Professional Course
 - L-3 ----- Masters Course
- TQM Training In HONDA
- Statistical Software-Minitab13.
- **Two Week Long Training In Honda R&D Japan @ HGT Tochigi**

Samsung India Electronics Limited

➤ **August, 2008 –February, 2010** **Samsung India Electronics PVT. Ltd.**

**55.2 B\$, NI 10.3B\$,
175000 employees,
48 Countries with
Indian operations
turnover of Rs.4900
Crores, 1600
employee and 33
branches.**

Engineer – R&D Commercial Air Conditioner

*Samsung is **Pioneer** in
Digital appliance
business, Digital media
business, LCD business
Semiconductor
business,
Telecommunication
business. The company
is into manufacturing,
sales and service of the
stated business.*

Job Profile:

- New Model Development of Commercial Air-conditioning (Ductable), Window and Split Air conditioners.
- Design & Development of all Sheet Metal Parts, Mould parts, Packing Parts & Printing Parts.
- Cost reduction of Mechanical parts by Value Engineering & cost analysis.
- Reduced BOM cost by doing benchmarking for Commercial Air-conditioning (Ductable), Window & Split Air Conditioners of Various competitors such as LG, Voltas, Onida, Hitachi, etc. with Samsung.
- Making E-BOM of all newly developed models. Basically, for Commercial Air-conditioning (Ductable)
- Identifying and resolving problems during production and giving countermeasures for the defect preventions.
- Complete Know-how & Extensive Hand on experience for assembly of all Window & split air conditioners at OEM factories of Samsung.
- Spent more than one month in Samsung KOREA & got training for product development of Commercial Air-conditioning (Ductable).
- Increased Productivity through various innovative techniques such as time study & material flow movement at OEM assembly line & also quality

improvement of major processes.

- Regular interface with customers in forms of market surveys to know about their requirements and expectations.

Achievements:

- Streamlining the Heat Exchanger and Air Conditioner Manufacturing Processes at our OEM by introducing new models in OEM.
- Successful Installation, Testing & Commissioning **of CALORIMETER LAB** at Samsung, Noida plant.
- Successful Installation, Testing & Commissioning Of **Samsung Aircon Training Centre at Noida (All types of air conditioners: 1 Way, 4 Way Cassette AC, Ductable AC, DVM, DVM Plus 2 with centralized controller)**
- Active Participation of Product Engg. (Task force) team to reduce field defect in air conditioner by 30%.
- Providing Countermeasures for Service Defect Problems by detailed analysis of problems.

Training:

- **Got training for product development of Commercial Air-conditioning (Ductable) in Samsung HQ KOREA.**
- Six Sigma-DMAIC Methodology
- Capsule Training on Commercial Air Conditioners –Concealed Duct & Cassette type.
- Statistical Software-Minitab13.

Global Autotech Ltd.

It's a TS Certified (ISO/TS-16949) & leading Die Casting & Squeeze Casting industry for Automobile component. It works for TRW, MUL, TACO, SONA, GM, NSK and for other automobile company. We have M/C 375 Ton, 630 Ton, 670 Ton, 850 Ton & 800 TON HVSC & fully equipped tool room. This is the only Indian company involved in full squeeze, vacuum & partial squeeze technology with technology from UBE Machinery Co., JAPAN.

July, 2007 – August, 2008

Global Autotech Ltd.

Engineer – Product & Tool Design

Job Profile:

- 3D Modeling, Drafting, Surfacing, Mold Wizard of components, Draft Analysis, Thickness Analysis , Rectification of 3D data received from different customers.
- Design & Development of Dies and Jigs & Fixture.
- Generating ideas for new product design. Concept development, build 3D models and drawings for workable design. Work with the customer to validate the design and execute design changes. Tolerance stack up for the designed parts and release production drawing with GD&T
- Preparing engineering drawings of moderately complex products and components.
- Developing creative 2D & 3D drawings from design objectives established by others. Instructing detail drafters and checking their work for accuracy. Preparing general specifications. Completing engineering records, including releases, charts, graphs and bills of material.

- Maintains all records of design, raising ECN & ECR.
- Costing of Dies, Tonnage Calculation.
- Finalization for M/C allowance, drafts, Parting Line & no. of sliders.
- Die manufacturing from outside vendor. Arranging of quotations from different vendor & making comparison sheet.
- Pre Dispatch Inspection for dies at the vendor end.

Professional qualifications

- **B.E in Mechanical Engineering** from Maharishi Institute of Engg. & Tech, Jaipur affiliated to Rajasthan University, Jaipur with **Aggregate 70.13% marks in July 2007.**
- Scored 73.4% marks in CBSE Class XIIth

Additional Skills and Exposures

- Completed certificate course in PRO-E from CADD Centre Elementary.
- 2 days training on GD & T held in Subros Ltd
- 2 days training on Mold Wizard of Unigraphics NX4 from Tata Consultancy Services (PTI Delhi.).
- One day Unigraphics NX5 Transition Training (Basic) From Tata Consultancy Services (PTI Delhi.)
- Six weeks training in EICHER ENGINES as part of B.E Syllabus.

Personal details

Date of Birth	:	30 th August, 1985
Passport No	:	S2140650
Martial Status	:	Married
Languages Known	:	English & Hindi
Current Salary Drawn	:	INR 19 Lacs Per Annum

Strengths

Effective Communication, Co-operative team member, assertive thinking, consistency, commitment and desire to learn.

Date:

Place:

(KAPIL GUPTA)