

SUNIL DHONDIRAM KASHID

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*Successful enterprising accomplished professional seeks assignment **in the Automotive component industry** to leverage multifaceted competencies and deliver outstanding results aligned to corporate goals and objectives*

Core competencies include...

- Automotive Components
- Manufacturing Processes
- Project Management
- Process Optimization
- Co-Design Activities
- Product Design & Development
- Vendor Development
- Customer interface
- APQP, PPAP, FMEA
- ValueAnalysis/Value Engineering
- Forged & machined Components
- Quality Assurance & control.
- Internal Audits
- CAD- CatiaV5 & UG-NX

Executive Summary

- ✓ Versatile resourceful Mechanical Engineer with **18+** years of experience in the engineering in product design & development with reputable companies in India.
- ✓ Extensive experience in coordinating all activities related new product development including feasibility studies, cost estimating, planning, design, system audits, vendor development, prototype development, process validation & manufacturing start-up.
- ✓ Proven track record of making significant contributions to the development of forged, cast & machined components for automotive & non-motive applications catering to major global customers.
- ✓ Capable of working in cross-functional teams (CFT) and participating in strategizing, planning, resourcing & execution to complete products on time and within budget.
- ✓ Well versed in value analysis/value engineering, APQP, PPAP, FMEA, 8D, quality assurance and process optimization to deliver process improvements & productivity enhancement.
- ✓ Deft in collaborating with internal & external stakeholder and building cohesive professional teams eliciting superior performances.
- ✓ Proactive, achievement driven professional with strong work ethic, integrity and excellent communication, problem solving, decision making & execution skills.

Professional Experience

Mahindra CIE Automotive Ltd, Pune India, March 2010 to date

Mahindra CIE – an alliance between CIE Group Spain & Mahindra Group India – is a multi-technology automotive components supplier <http://www.mahindracie.com/>

Manager – New Product Development

Report to: Senior General Manager Team: 3

Responsibilities

- Work as a core member of the New Product Development team to develop **Automotive & non-Automotive forged components** like crankshafts, steering knuckles, camshafts, connecting rods, links, housings & saddles.
- Support the sales team in preparing responses to customer RFQ's including product development cost estimates.
- Co-ordinate with customers on all activities related to product development & process improvement.
- Competition benchmarking to finalize the product specifications.
- Conduct production trials of prototype samples of products and coordinate all tests like surface preparation, heat treatment, paint coating, dimensional reports & validations to achieve quality sign-off.

- Supervise the start-up & ramp-up of production of new parts, supporting the production team in achieving targeted commercial volumes & yield as per schedule.
- Conducting technical discussion with the customer for the Advanced Product Quality Planning (APQP) process including freezing of process flow, control plan & getting tooling kick-off.
- Coordinate the investigation into customer complaints using tools like 8D & Why-Why Analysis to identify root causes and implement effective corrective & preventive action plans.
- Participate in structured supplier audits and initiating supplier PPAP activities.
- Resources benchmarking and support in sourcing strategy of project variants.
- Support to implementation of technological changes through value analysis-value engineering (VAVE) projects for achieving process improvements.
- Coordinate with the marketing team on all customer side activities including technical reviews, timeline agreements & PSW sign-off.
- Participate in implementation of various programs related to sustainability & Mahindra Rise in the organization.

Highlights

- Led the successful development of the fully finished crankshaft for the **Mahindra KUV 100 gasoline engine** with a **first time right** record.
- Made significant contributions in the development of forged parts of **crankshaft of the KD3 1.05 liter 3 cylinder engine** for Tata Tiago cars.
- Managed the project for development of **upright knuckle for Mahindra Reva electric vehicles** up to the PPAP submission stage.
- Developed heavy duty **crankshafts of the KD-3&KD-4 engines applicable in farm equipment sector** for Same Deutz-FAHR, Italy.
- Achieved **yield improvement through optimization of input materials** for the crankshaft of Renault K9 engine with a projected **annual savings of INR 1.5 crore** leading to enhanced customer satisfaction & profitability.
- Received one-month training in Germany and implemented a program at Mahindra CIE for **integrating design & manufacturing processes with group companies in Europe on a common platform**.

3D Reverse Engineering Pvt Ltd, Pune India, January 2009 – February 2010

The company is a branch of GKS Inspection Services UK and offers services in product development, CMM inspection, reverse engineering & producing prototypes of customer provided samples

Project Manager

Reported to: General Manager Team: 4

Responsibilities

- Executed assignments for Reverse Engineering and preparing designs & CAD deliverables for automotive, defense & aero engine parts.
- Conducted discussions with customers on new business including finalization of requirements.
- Performed CMM measurements of customer supplied part samples, digitized the data and developed professional cad models with high quality B-class surfaces.

Highlights

- Developed **front & rear aluminium cast wheels** Client: Aakar Foundry Pvt Ltd
- Part to print development of **automotive plastic molded parts** like door handles, fuel flaps, ashtrays & door latch systems Customers: Volkswagen, Maruti Suzuki & ITW Deltar
- Designed & modified **defense & aero engine parts**.

Kalyani Forge Ltd, Pune India, October 2005 – December 2008

Kalyani Forge is an engineering company with expertise in metal forming, producing forged, machined & assembled products for customers in diverse industries <http://kalyaniforge.co.in/>

Deputy Manager – Production Engineering Department

Reported to: Deputy General Manager Team: 5

Responsibilities

- Contributed to new product development projects for developing components as per predefined technical specifications fulfilling quality, cost & delivery objectives.
- Led process simulation & validation, release of CAD/CAM, bills of materials (BOM) & quality parameters.
- Application and interpretation of GD&T to define technical requirements, manufacturing and inspection of components.
- Co-ordinated the Product Part Approval Process (PPAP) including Part Submission Warrant (PSW), dimensional reports & statistical process control (SPC).
- Implementation of PokaYoke to eliminate line defects & minimize PPM level.
- Administered the micro level activity plans for new projects as well as execution of engineering change notices (ECN) for existing products.

Highlights

- Improved process by introducing an in-line trimming operation which minimized generation of excess flash projection on the part.
- Appreciated by management for a process redesign project which **improved roll forging process** and product quality.
- Improved machining practices by deploying CAM software which **reduced production cycle time at VMC/CNC** lines.

Bharat Forge Ltd, Pune India, July 1994 – October 2005

Bharat Forge is a technology driven Indian multinational and the world's largest forging company that manufactures high-performance critical & safety components for automotive & non-automotive sectors <http://bharatforge.com/>

Assistant Manager – Engineering Division

Reported to: Senior Manager Team: 2

Responsibilities

- Dealt with tool design, part modeling, layout, manufacturing & simulation along with knowledge management for the unit.
- Modified existing designs of products to meet customer requirements using cad tools like UnigraphicsNX & Catia-V5.
- Weekly and monthly tracking over rejection, utilization, things gone right and things gone wrong.
- Regular track record for destructive tests like microstructure, tensile as well non-destructive tests like UTI, DPI & MPI.
- Investigated defects, analyzed trends & identified root causes and formulated & coordinated implementation of corrective and preventive action plans.
- Dealt with NC tool path generation for VMCs for production of components on modern high speed machines.
- Produced weekly & monthly reports covering rejection control, capacity utilization, areas of concern & opportunities for improvement.
- Joined as Trainee Engineer in the Quality Control Division in July 1994 & was promoted to Engineer in July 1996. Promoted to Assistant Manager & posted to Engineering Division in August 1998.

Highlight

- Major product development projects included **crankshafts for 6-cylinder V-6 engines** for Ford Mondeo & Daimler-Chrysler, **8 cylinder engine crankshafts** for Volvo and **truck front axle beams** for Dana Inc & Meritor.

Education

- **B.Tech. – Mechanical Engineering**, Chatrapati Shahu Ji Maharaj University, Kanpur India, 2014, First Class.
- **Diploma in Mechanical Engineering**, Government Polytechnic, Osmanabad, Maharashtra State Board of Technical Examinations, Mumbai India, 1993, First Class.

Certification & Training

- **Certified in Supply Chain & Logistics**, International Academy for Certification & Training (I-Act), 2016
- **Design-CAD Methodology** – 1-month training at a CIE Group company in Germany, 2010

Personal Information

- Date of Birth: 31 December 1972
- Languages: Hindi, Marathi, English
- Nationality & Passport: Indian, Passport. *No.G5480700*
- Address: B404, Dreams Elina, S.#66, Handewadi Road, Satavnagar, Hadapsar , Pune, 411028.
- Software: Windows, Unix, MS Office