RESUME

KOMAL CHANDRAKANT KATE
Qualification: BE Mechanical **Contact No**: **9607704766 / 9096147702**
Domain: Interior Cabin Trims **Email ID:** komal914678@gmail.com

OBJECTIVE: I look forward to bright career in the corporate world which will enhance my personal and professional skills in conjunction with the organization's goals and objectives. I am willing to take up every responsibility that might be presented to me with commitment.

CAREER SUMMARY:

- Have **2 Years** of experience as a Mechanical Design Engineer.
- Currently working with **TATA Technologies** as Design Engineer in ER&D Dept.
- Generated macro for bolt load calculations to save time and cost while Design & analysis.

SOFTWARE SKILLS:

CAD	**CATIA V5-** Part design, surface design, assembly design, and drafting. **NX9.0-** Surfacing and part design.
PLM	Team Center 7, Vis Mock-up, Digital buck
MS Office For Support	Microsoft Office (For Mails, presentations, BOM creation etc.)

JOB RESPONSIBILITIES

- Development of Close Volume according to surrounding environment parts.
- To add B side features like bosses, doghouse, Snap, ribs and other plastic features.
- Draft analysis tooling feasibility check, part assembly check for interior trim parts.
- To Check 3D model in draft analysis and create parting line for tooling.
- Discussion in WebEx with Onsite engineer, lead engineer etc. for ongoing project work.
- Releasing of parts in team center.
- Clash analysis
- Study of **DCR** provided by supplier.
- 3-2-1 principle.
- Knowledge of DFM, DFMA and DFMEA.
- Study of water jet cutting technique.
- To validate all projects work under the supervision of Team Lead.

ACHIEVEMENTS:

- Secured 2nd rank in final year university exam.
- Shortlisted for national level paper presentation competition.
- Shortlisted and implemented PI idea for blitz toolbar in TTL.

WORK EXPIERENCE:

Projects	Period
PROJECTS HANDLED: **1. CABIN Pillar Trims** **Program\Project: D8 MY20_JLR _L550** • Feasibility check list creation of the "A- Surface" and the sections provided by the customer. • Identification of the main tooling direction • Developed a close body and updating the solid body with the Features. • B side Feature created as per the design guidelines and applied. • Draft analysis study on the final body and making a presentation in main tooling, lifter and slider direction. • Modification as per the customer requirement. • JLR (UK Customer) and Supplier Interaction. **2. Door pocket pan** **Program Project: D8 MY20_JLR_L551** • Development of Close Volume according to gap & flush requirement with surrounding parts • Draft analysis study on the final body and making a presentation in main tooling, lifter and slider direction. • Modification as per the customer requirement. • Study fixation strategy • Update the solid body with the B side Features • Supplier Interaction **3. Headliner.** **Program\Project: D8 MY20_JLR _X540** • Study of headliners of previous model year used by JLR. • Study of design considerations for best performance of headliner • Study of Gap, flush, overlap and biting condition with respect to environment part • Developed a close body and updating the solid body with the Features. • Draft analysis study on the final body and making a presentation in main tooling • Study fixation strategy • Modification as per the customer requirement. • JLR (UK Customer) and Supplier Interaction.	**2nd Nov 2017 to till date**

4 .NVH Parts **Program\Project: D8 MY20_JLR _X540** • Water jet cutting principle and it's Rules • 2K principle for manufacturing • Identification of the main tooling direction • Look for the biting condition with respect to corresponding environment Parts • Surface replacement. • Developed a close body and updating the solid body with the Features. • Draft analysis study on the final body and making a presentation in main tooling • Creation of A surface from BIW parts for foam • Study of DCR report • JLR (UK Customer) and Supplier Interaction.	
CAD Trainee Engineer • CATIA/NX training. • Drawing creation and markup for quality product. • Creation of parametric data	**VDS** **June 2017to** **Oct 2017**

EDUCATIONAL QUALIFICATIONS:

University / Institute	Qualification	Year of Passing	Percentage / Grade
SOLAPUR UNIVERSITY	B.E.(mechanical)	2017	78.36
HSC BOARD	HSC	2013	69.00
SSC Board	SSC	2011	76.36

EXTRA CURRICULAR ACTIVITIES:

- Robotics Workshop at IIT Delhi.
- Vocational training at Pradeep Engg. Works.
- EDP Workshop.

DECLRATION:

I do hereby declare that I am familiar with Mechanical engineering aspect and also able to work as responsible team member and the above provided information is true to the best of my knowledge.