

# **PRIYA SHATTAM KASHALKAR,**

**Design Engineer-CATIA**

**Email id:** [kashalkarpriya01@gmail.com](mailto:kashalkarpriya01@gmail.com)

**Contact No.:** 9096911268 / 8668890112

## **Profile**

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Automotive Design Engineer having 4+ years of experience on Catia software in Automotive based companies, having worked on seating , interiors and exteriors (both plastic and sheet metal) domain.

## **Software Skills**

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- ☐ Catia V5
- ☐ AutoCAD
- ☐ Creo
- ☐ MS Office Suite
- ☐ Magellan
- ☐ Team Centre
- ☐ Digital Vismockup

## **TIMELINE**

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- ☐ Graduated Degree in Mechanical Engineering from Shivaji University, in May 2014
- ☐ Professional Experience in Pioneer Design and Engineering, pvt. Ltd., in 2015
- ☐ Professional Experience in Tata Technologies Limited (Contract basis),in 2016
- ☐ Professional Experience in APPL Global InfoTech from 2017.
- ☐ Professional Experience in Faurecia India pvt., Ltd. (Contract basis) from 2017 till now.

## **Professional Profile**

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### **Design Engineer- Seating**

**Faurecia India pvt., Ltd. (Currently working )**

**Bhosari, Pune**

### **Company Profile:**

Faurecia is a global leader, providing innovative solutions and qualitative equipment to the automotive industry. The company is active in three key business areas: Automotive Seating, Interior Systems and Emissions Control Technologies.

### **Key Roles:**

#### **Project Handled: XFA /JFC**

- Handling one project alone, daily / weekly meetings with the counterpart of France.
- Design of 2nd and 3rd row rear seats based on the provided data.
- Created parametric models as per faurecia methodology.
- Remastering of the parts.
- Performed necessary 3D modifications as per customer specifications and considering strength, safety and costing.

- Kinematics on the product: normal position, folding position or standup positions as required.
- Creation of Part and Assembly level drawings with appropriate GD&T and BOM.
- Creating fully parametric 3-D solid modeling from given reference panels.
- Considering 3-2-1 principle for locating and fixation of parts in assembly.
- Updating Assemblies and checking all the constraints.
- Designing vehicle components as required by various engineering functional groups.
- Analyzed whether the part has any clash/contact/clearance with the surrounding parts and removed the clashes accordingly.

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### **Junior Design Engineer- Exterior**

**Tata Technologies Limited, (Mar 2016-Sept 2016)**

**Hinjewadi, Pune**

#### **Company Profile:**

Tata Technologies Limited is a company in the Tata Group that provides services in engineering and design, PLM, manufacturing, product development, and IT service management to automotive and aerospace original equipment manufacturers and their suppliers. Tata Technologies serves clients in 27 countries.

#### **Key Roles:**

##### **Project Handled: Bumper of JLR**

- Designing vehicle components as required by various engineering functional groups.
- Worked on grills, front bumper, rear bumper and skid.
- Created closed body as per styling surface.
- Made proposals on the fixations with the surrounding parts and created fixations as per considerations.
- Created master sections within bumper parts as well as with the surrounding mating parts. Maintained clearance as required and/or respect to assembly parts.
- Analyzed whether the part has any clash/contact/clearance with the mating surfaces and removed the clashes accordingly.
- Worked on the draft analysis on the parts.
- Checked the feasibility on all parts.
- Performed necessary 3D modifications as per customer specifications.

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### **Junior Design Engineer- Design & Development**

**Pioneer Design and Engineering, pvt.ltd. (Feb 2015-April 2017)**

**Panmala, Pune**

#### **Company Profile:**

Pioneer Design and Engineering pvt. Ltd. is a company having the main vision to provide committed projects services to clients in CAD/CAM/PLM technology. The automotive segment covers product development cycle of a vehicle from concept, design, optimization and validation. It includes interior, exterior, seating using Catia software.

**Key Roles:****Project Handled: Door Trims**

- Parametric modelling of map pocket.
- Created surfaces and their features according to master sections.
- Part Remastering, Replace surface
- Creating 3D models, assembling them and generating 2D drawings on CATIA V5.
- Performed Draft Analysis on the solid model and generated the parting line and proposed tooling direction for the same.
- Modified the part according to the master sections suggested by the customer.
- Determined design proposals from previous models.
- Created innovative designs to customer specifications.

**Specialization & Skills:**

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- Experience in Catia V5, Magellan, Team Centre, Digital Vismockup.
- Adequate knowledge in moulding processes.
- Experience in Surfacing, Surface Remastering and Master section.
- Experience in Part Design, Part Remastering and Assembly Design and drafting.
- Adequate knowledge of Geometric Dimension and Tolerance.
- Basic knowledge of AutoCAD, Creo.

**Training attended:**

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- Undergone training of CAD Methodologies held in Tata Technologies.
- Undergone training of moulding processes held in Pioneer Design and Engineering, pvt.ltd.
- Industrial training done in Mahabal metals pvt.ltd. Sangli.

**Reference Person:**

**Mr. Deepak Fernandes,**

IAV Automotive Engineering, Pune. (Previous: APPL Global Infotech, Pune)

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**Personal Details**

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Name	: Priya Shattam Kashalkar
Date of Birth	: 01 March 1993
Sex	: Female
Marital Status	: Single
Language Known	: English, Hindi, Marathi, Konkani
Address	: Tulip Pg, Kokane chowk, Pimple Saudagar, Pune-411027

**Declaration:**

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I hereby declare that all the details given above are true and at the best of my knowledge and belief.

Priya Kashalkar