

**SALIL SHRIKANT ARGADE**

**DOB: 28 Aug 1988**

[mechsalil@gmail.com](mailto:mechsalil@gmail.com)

**08390621679**

## Education

Degree	Institute	CPI	Year
M.Tech (Mechanical Design)	IIT Bombay	8.24/10	2012
B.Tech (Mechanical)	NIT Raipur	8.46/10	2010

## Work Experience

### **Senior Manager - Vehicle Integration, Commercial Vehicles at Tata Motors ERC [September 2012 – August 2021]**

Part of following projects:

- Winger Facelift BS6
- Ace Zip XL
- Magic Iris
- Ace Zip Quadricycle
- Ace Zip with Hub-reduction

Responsibilities:

- Vehicle integrator for Small Commercial vehicle projects and DMU packaging
- Preparing vehicle layout drawings and technical specifications
- Release activity for VC in PLM
- Creation of color scheme and release color VC for the vehicle in PLM
- Create Unique part list for new projects
- Benchmarking activity with competition
- Create vehicle DMU using Teamcentre Visualization
- Identify and resolve DMU related issues before matured design release while also ensuring BOM accuracy
- Calculation of vehicle performance parameters like gradability, restart-gradability, driveability using Cruise software and manual calculations
- Identifying and implementing weight and cost reduction ideas
- Co-ordinating with Design COCs, Proto Planning, Testing and Technology Partners for building and validation of prototypes.

### **Senior Manager – Customer Quality, Passenger Vehicles at Tata Motors [August 2021 – Present]**

Part of following projects for BIW and Trims aggregates:

- Tiago and Tigor BS-6

Responsibilities:

- 3MIS, 6MIS IPTV reduction
- Investigate Warranty failures with Assembly, manufacturing and supplier quality and implement the corrective actions
- Provide technical plant support to dealership for escalated complaints from customer

## Academic Projects

### **M.Tech Project – Fabrication and Characterization of micro-components using Constraint Surface Microstereolithography (MSL)** [May 2011 – June 2012]

- Layer by layer fabrication process using photopolymerizable resin to manufacture high aspect ratio and complex 3D structures using a transparent glass window to control layer thickness

### **B.Tech Project – Stress Analysis of thin plates with singularity (central circular hole and transverse line crack)** [June 2009 – May 2010]

- The effect of a central circular hole on an isotropic and orthotropic plates was studied and alternatives examined to reduce stress concentration factor

## Internships

### **Implementation of Kanban - Summer Training at Mahindra and Mahindra LTD., Farm Equipment Sector, Mumbai** [May 2009 – June 2009]

- Implemented Kanban in the Engine and Transmission cutting tool supplies module using visual cards as signals to help operator to prioritize tool selection for grinding

### **Study of Differential Case Cell - Summer Training at Mahindra and Mahindra LTD., Farm Equipment Sector, Mumbai** [June 2008 – July 2008]

- Study of Differential case cell and Transmission assembly unit

## Awards and Recognition

### **Cultural**

- Secured 1<sup>st</sup> position in Solo Singing in PG Cult 2010-11 organized by IIT Bombay
- Awarded Hostel PG Cult Color for the year 2010-11 for contribution to hostel cultural activities
- Awarded Hostel PAF Color for the year 2010-11 for contribution in PAF (Performing Arts Festival)

### **Sports**

- Secured 1<sup>st</sup> place in Volley Ball for the PG Sports 2010-11 organized by IIT Bombay
- Secured 3<sup>rd</sup> position in 6.25 km marathon held in Udhbhav 2009, NIT Raipur

### **Others**

- Secured 1<sup>st</sup> position in the event Model-A-Structure in Srijan 2010, NIT Raipur
- Secured 3<sup>rd</sup> position in the event Junk Play in Eclectika 2010, organized by NIT Raipur

## Extra Curricular Activities

- One of the Lead singers & organizers in Kalasagar Music group at Tata Motors in the cultural programs organized for employees
- Lead singer for band securing 3<sup>rd</sup> position in Chaos 2011, the cultural fest of IIM-Ahmedabad
- Lead singer for hostel band which won Goonj 2011, inter-hostel band General Championship
- Lead singer in Surbahar and Swarsandhya, the biggest musical events at IIT Bombay
- Successfully completed 10km run in Pune Marathon, 2013 and 8km run in TCS fit4life marathon, 2013 and 2014