 **Curriculum *Vitae***

***Sushant S. Pathak***

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**Objective**

Challenging and rewarding suitable position in a growth-oriented organisation, which offers diverse job responsibility in Research & Development and Engineering where my technical and managerial skills can grow continuously.

**Profile at a Glance**

* Over 10.3 years and of combined experience in Product design & Manufacturing engineering activities from Concept till TGA &/or SOP of automotive OEM.
* Sound knowledge of vehicle Architecture and the packaging requirement. with Over 3 successful project completion and three on pipeline.
* Expertise in Closures and Sealing design and development.
* Sound knowledge in sheet metal design, joinery and interface with Trim and mounting parts.
* Expertise in handling upstream engineering project, concept engineering and continuous improvement projects.
* Demonstrated strong hold on concept generation and mounting scheme establishment.
* Possessing positive leadership skills and coaching ability across CFT and within team.
* Progressive project management skills with 100% OTD and 98.3% FTR ratio for the project completed.
* Successfully lead 2 BIW and 2 Assembly shop project to completion with Manufacturing Engineering profile.

**Education Qualification**

**Diploma in Mechanical Engineering** 05/2005

*Technical Examinations Board, Gujarat State, Gandhinagar*

First class with 62.14%

**Bachelor in Mechanical Engineering** 05/2009

*Bharati Vidyapeeth University, Pune*

First class with 61.53%

**Employment History**

**Innoac Technologies Private Limited, Pune**

*June 2017 - Present*

*Designation : Manager, New product development*

*Role : Design Leader, Deputed at client location PSA, France*

*Projects : 2 Projects for PSA, France*

**Responsibility**

* Managing design activities for the upper body structure and Interior trims.
* Style convergence activities for closures and metal structure.
* Supplier identification and technical implementation of the process.
* Agreement of the material change with Material department for the localisation project.
* DMU management and convergence with CFT.
* Leading DFA/DFM activities.

**Honda R&D Center India (HGID), Greater Noida**

*October 2016- June 2017*

*Designation : Assistant Manager*

*Role : Group Leader, Exterior group (Closure design), Engineering Design*

*Projects : Honda Amaze 2018; 1 Project On-going.*

**Responsibility**

* Lead a team of engineers to perform the core role of design and development of passenger vehicle.
* Support Benchmark study and VA idea generation for new product and running changes.
* Performing supplier evaluation and capability studies for localisation of the components.
* Studying existing design utilisation for future projects.
* Evaluating existing products for cost reduction activities.
* Establishing standard and know-how to ensure process oriented approach for development.

**Renault Nissan Technology and Business Centre India Ltd, Chennai.**

*March 2013- October 2016*

*Designation : Assistant Manager*

*Role : Design Leader, Rear End, Vehicle & Component Engineering*

*Projects : Duster 2018 for Romania & France, Arkana for Russia; 2 Projects On-going (One with Plastic Tailgate)*

**Responsibility**

* Pre-Feasibility study & benchmarking data collection for new Project (SUV Sub 4 meter & Notchback Sedan).
* Piloting for creation and convergence of master section of Upper body vehicle structure.
* Defining Isostatism and creating chain of dimensions for critical joinery.
* Responsible Style convergence to arrive best possible aerodynamic shape confirming technical feasibility.
* Leading activities of BiW panel design and design review with Process Engineering.
* Defining Sealing Flange and Convergence with Performance team.
* Determining positioning of functional parts such as Tailgate Hinge, wiper motor, Camera, Gas Stay and their interface with BiW.
* Confirming compliance to regulatory norms, performance requirement and ergonomic requirements.
* Perform kinematics of the movable parts to confirm functional intent satisfied.

**AMW Motors Ltd, Bhuj.**

Nov 2009 - Mar 2013

*Designation :* *Assistant Manager*

*Role : Process Leader – NPI, Manufacturing Engineering*

*Projects: Two welding shop(New Cabin & COWL), one trim line(FAW Cab Trim Line), one assembly line project(4018 TR)*

**Responsibility**

* Budget estimation, planning and cash flow monitoring for the project.
* Layout preparation and finalisation, process planning and facility requirement identification.
* With the help of highly professional expert cum mentor, developed best-in-class weld shop processes and FTG design & development.
* Expertise in DAP initiation to conclusion and proving of the system.
* Support product design to optimise the DMC by standardisation & process effective solutions.
* Fixture concept evaluation, designing, detailing & manufacturing.
* Proto batch production & ORC generation.
* Resolution of ORC with CFT approach.

**Strength**

* Strong hold on frugal engineering & manufacturing processes (BIW & Assembly)
* Quick Lerner with Positive attitude
* Empathetical lister and analytical approach
* Self-managed

**Personal Details**

Date of Birth: 25 August 1983

Place of Birth: Ahmedabad, Gujarat, India

Marital Status: Married

Interests: Singing, Sound Engineering, Travelling

Languages: Gujarati (Native),

Hindi (Business Fluent)

English (Business Fluent),

German (B1 Certified),

French (A1 Certified)

**Social Responsibility:** Eco friendly practices.

Regular Blood donor.