



PRABIN KUMAR JENA

MBA (Marketing) (Logistics & Supply Chain)

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PROFILE SUMMARY

- Persuasive & competent professional with nearly 6 years of experience in New Product Designing, Conceptual Design and Technical Support
- Gained 2 years of exposure in interior design for Ground Transportation & Electric Vehicle
- Trained in areas of managing the multiple marketing automation platforms, such as the website, eCommerce solution, review and approval software, content management system, plus the integration with related technologies
- Keen to explore areas of marketing project and campaign planning, creative production process management, technology infrastructure, data and analytics, and brand compliance
- Capability to produce reports and derive valuable insights and analysis for the business
- Managed Interior Designing, BIW, Industrial Products & Internal Projects
- Coordinated with the team to provide guidance on product design, process development, detailing on quality requirements and finalization of output
- Expertise in preparing designs for optimizing cost of the product for manufacturing processes & improving life of the product using various tools & techniques
- Experienced in managing complete manufacturing engineering operations involving requirement analysis, risk analysis, process definition in compliance to client quality standards, engineering change management, issues control & resolution



KNOWLEDGE PURVIEW

Marketing Strategy & Planning	Social Media Marketing
Data Optimization & Governance	Data Analysis
Process Optimization	Reporting & Documentation
Customer Relationship Management	Sales



AREA OF EXPOSURE

New Product Development	2D/3D Modelling
Product Lifecycle Management (PLM)	
CAD Product Engineering	Project Management
Product Architecture Finalization & Content Management	
Client Relationship Management	
Concept Designing & Analysis	Adobe Creative Suite



CAREER TIMELINE



ACADEMIC DETAILS

- Pursuing MBA (Marketing & Logistics, Supply Chain) from Asian School of Business Management, ASBM University, BBSR (ACBSP accredited) Bhubaneswar
- B.Tech. (Mechanical Engineering) from Centurion University of Technology & Management, Odisha in 2016 with First class
- Diploma (Mechanical) from SCTE & VT, Odisha in 2013 with First



TECHNICAL SKILLS

CAD Tools: CATIA V5

PLM Tools: ENOVIA & Teamcenter

Workbench: Part Design, Surface Design, Drafting, Assembly Design, FTA



SOFT SKILLS

Team Player	
Communicator	
Analytical	
Critical Thinker	
Negotiation	
Leadership	



WORK EXPERIENCE

June 15- Aug 13 : Dabur India Pvt Ltd, Odisha as Intern

Jun'18-Apr'21 : L&T Services Ltd., Bangalore as Engineer

Growth Path:

Jun'18 – Nov'19 : Consultant

Nov'19 – Apr'21 : Engineer

Aug'17-Jun'18 : Hero MotoCorp Onsite (India), Jaipur as Design Engineer

Sep'15-Aug'17 : Pioneer & Eng. Pvt. Ltd., Bangalore as Product Design Engineer

Key Result Areas:

- Designed interior parts like Console, HVAC, Soft Trims & Mirror Parts for electric vehicles & ground transportation
- Created:
 - A to B & necessary engineering features such as Snap, Ribs, Dog House & Locator
 - Models for other two-wheeler parts like Frame & Outer Body Parts
- Led the development of models & design from conceptual input
- Interfaced with R&D for necessary modifications in component design; coordinated with customers for understanding their technical requirements and facilitating the internal depts. for developing technical blueprints
- Drafted part stage drawings for manufacturing; and did the release process for Prototype & Mass Production
- Facilitated new product development initiatives with key focus on QCD (Quality, Control & Delivery); prepared documents as per client quality standard
- Developed:
 - Def Duct & Vent Duct Concept, modifying as per layout; performing CFD analysis to achieve the required pressure & velocity
 - Sheet Metal Bracket Design For SHB Component in accordance with Env. Parts
- Performed:
 - CAVA Analysis for various vehicles for Console, IP Upper & IP Lower Parts for safety and radius check
 - Clash Analysis within components with Assembly workbench and generated report on the same
 - 3D-Modeling, assembly, modification, detailing of parts and 2D-preparation of current BS-IV Models
- Prepared DWG on fit & finish for IP & CONSOLE; BOM & Design Standards for the product as per the guidance of Team Lead
- Assisted the team in resolving clients' complaints; addressed escalated cases
- Formulated concept designs, customer communication, conducting quality check as well as leading data control & management, project management, resource management and complete project documentation
- Sustained Engineering Change Notes (ECN) & releasing on PLM (Team Center)
- Modified as per requirements after formability analysis and CAE feedback
- Evaluated possible design solutions to improve cost, quality and performance
- Assessed feedback reports and suggested measures for continuous improvement

PERSONAL DETAILS

Date of Birth: 17th September 1992

Languages Known: English, Hindi & Odia

Address: AT/PO- KONISI HATA, ANANDMAYA NAGAR, TULU ROAD, DIST- GANJAM, ODISHA

For more details on projects managed, please refer to annexure

ANNEXURE

Company: L & T Tech Services Ltd., Bangalore (India)

Project: Interior Design for Electric Vehicle

Responsibilities

- Designed interior parts like Console, HVAC, Mirror Parts & Sot Trims for Electric vehicle
- A to B Creation; developed Eng. Feature & gave proposals W.R.T Env. Parts
- Routing Duct as per layout constraint & sealing design complying to the set standards
- Developed mirror parts from STL / IGES & prepare parametric data

Project: Internal (Automotive & Industrial Product)

Responsibilities

- A to B Creation & Develop Eng. Feature W.R.T Env. Parts
- Def Duct & Vent Duct Concept, Modify as per layout and perform CFD Analysis to achieve the required pressure & velocity
- Performed CAVA Analysis For Safety Radius Check & prepare Report as per client standard
- Sheet Metal Bracket Design On SHB w.r.t to Env parts
- Generated 2D Drawing and Detailing
- Fit & Finish / Torque Spec Dwg Preparation as per client standard
- Performed Clash Analysis with IP, Console & Wire Harness parts
- Concept Design on Plastic Cover Part for Industrial Product
- Creating class B & then offsetting class A; Clearing with draft & making close volume related to tooling for insulation part

Company: Hero MotoCorp Onsite, Jaipur (India) | Payroll Company: Sphinx Worldbiz Pvt. Ltd.

Project: Internal

Responsibilities

- Designed:
 - Stays, Patches, Brackets & Tube Routing for assembly
 - Proposals for fuel tank mounting concepts
 - Sheet metal and blow-molded plastic fuel tank
- Modified as per CAE feedback
- Performed:
 - Draft analysis of part and parting line creation and decide parting line and direction uniform ratio of material flow during the blow molding process
 - 3D-Modeling, Assembly, Modification, Detailing of Parts and 2D-Preparation of current BS-IV models
- Generated 2D Drawing and Detailing and maintained Engineering Change Notes (ECN) as well as released on PLM (Team Center)
- Preparation of BOM & Design Standards for the product as per the guidance of Team Lead
- Developed models for other two-wheeler parts like frame and outer body parts
- Prepared sheet metal and plastic fuel tank design proposals based on the vehicle level targets and body cover front fender design proposal

Company: Pioneer Design & Eng. Pvt. Ltd.

Project: Re-Mastering of BIW Components

Description:

Developed a completely parametric model to allow modifications for the design. It requires converting Non-parametric models to parametric ones. Remastered a fully parametric model from input in the form of client's phase files. Created Engineering Features for ENV data with master sections as specified by the client.

Project: Design & Detailing of Roof Bow

Description:

The project involved creation of Design & Detailing of the "Roof Bow" and the creation of features like Bird Beak, Joggle, and Mountings.

Responsibilities:

- Designed roof bow panel between two attachment brackets and added necessary reliefs at corners
- Created:
 - Mating flanges w.r.t. environmental data
 - 2D Proposals for creating engineering features, maintaining geometrical dimensions and tolerances
 - Engineering Features with respect to ENV data and the master sections
 - Closed solid compare with ENV data and the master sections

Project: MAP Pocket (Door Interior), Side Shield Cover (Seat Part)

Responsibilities:

- Conducted study of customer inputs for the A - surface
- Performed Draft Analysis for checking tangency errors with given tooling direction and created a better tooling direction
- Generated B side surface with A - surface and cleared patches/tangency errors that are on B - Surface & create a closed solid compare with ENV data
- Created Engineering Features with respect to ENV data