



NAVEEN KINAGI

DESIGN & DEVELOPMENT ENGINEER

<https://www.linkedin.com/in/naveen-kinagi/>

PROFESSIONAL SUMMARY

Skilled & driven Mechanical Design Engineer with 11+ years of Professional Experience. Highly proficient in Design and Development of automotive interior such as airbag, steering wheel and seatbelt. Carry hands on experience in Catia V5 and Project Management.

PERSONAL INFORMATION

Date of Birth : 24th October 1986

Nationality : Indian

Marital status : Married

CONTACT DETAILS

B1-804, Kumar Princeville, Jadhavwadi, Moshi - 412105, Pune-INDIA

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AREAS OF EXPERTISE

- CATIA V5-Parametric Solid, Surface, Sheet metal
- GD & T & 2D Tolerance Stack up
- DFMEA
- Plastics & Sheet Metal
- Enovia Matrix
- PLM Design & Development
- MS Office & Powerpoint
- Primavera

PROJECTS

- Renault Nissan & Mahindra (Jan 2018- June 2018) SUV & Hatch Back Project- Initial Design & Development of Steering Wheel, Driver & Passenger Airbag.
- TATA Motors (March 2016 - Jan 2018) SUV & CAR Project - Complete Design & Development of Steering Wheel & Driver Airbag.
- Mahindra & Mahindra (July 2013 - March 2015) SUV Project- Complete Design & Development of Steering Wheel, Driver & Passenger Airbag.
- Project - JK Cements Ltd. (June 2012 -July 2013) 4X58TPH, WHRB Boiler, Mangarol, Rajasthan.
- Project - OMPL (February 2011 - October 2012) 2X45TPH, HRSG Boiler, Mangalore, Karnataka.
- Project - Orient Paper Mart (October 2010 - January 2012) 1X110TPH. AFBC Boiler, Amalai, MP.

WORK EXPERIENCE

TECHNICAL LEAD

Tata Technologies [Pune- India]

Jun 2018 - Present

- Packaging Study of Steering wheel, Airbags & Seat Belts with surrounding parts.
- Packaged Alert motor & Vibration Damper in existing Steering Wheel.
- Packaged Bag in roof Passenger Airbag in existing vehicle.
- Concept generation and designing of new web guide for seat belts.
- Design validation of B surface for new styling requirement of Steering wheels & Driver Airbag.
- Review of Steering Wheel & Driver Airbag fitment & Horn force trails with quality team.
- Drawing release in PLM.

DEPUTY MANAGER

Rane TRW. India [Chennai- India]

Jan 2018 - June 2018

- Giving technical proposals to customer during RFQ stage on design.
- Designed complete B surface for Renault Driver Airbag & Passenger Airbag programs.
- Alignment with customer on concept & DVP&R finalization.
- Preparation of 2D drawings & releasing in system.
- Review of DR's, DFMEA, tolerance stack-up.
- New product introduction and proposal to customer
- Proposing & implementing ideas for VAVE.
- Low cost modules for new developments.
- TFC sign off with supplier.

SENIOR ENGINEER

Autoliv India Pvt. Ltd [Bangalore- India] **July 2013 - Jan 2018**

- Monitor Module design- Checking the CAS from customer & giving feedback to customer on the feasibility of manufacturing
- Designed complete B surface of Steering Wheel & Driver Airbag & drawing preparation & releasing in PLM.
- Validated the packaging study, horn mechanism for all Projects.
- Designed Steering Wheel & Driver Airbag checking fixture & deployment fixtures for Mahindra OEM.
- Maintain module BOM (PLM)- Maintaining the Module BOM with all child parts.
- TFC (Tool Feasibility Commitment) with supplier- Discussion with supplier on the manufacturability of the products & sign off.
- Coordination with CFT team- Interacting with the CFT team for smooth development of products.
- Ordering prototype parts / Building of proto type modules (Till TG2)- Dwg release, building proto parts to validate the design.
- Prepare document like DGD / DFMEA / SC CC List- Preparing the engineering documents at the each stage of project.

ACADEMIC BACKGROUND

BLDEA's College of Engineering - Bijapur - India
Bachelor of Mechanical Engineering [2004 - 2008]

LANGUAGES

- English Native Speaker
- Hindi: Native speaker
- Kannada: Native speaker
- German B1 Level

INTERESTS

- Cricket
- Travelling
- Football

WORK EXPERIENCE

PROJECT COORDINATOR

THERMAX PVT. LTD. [Pune- India] **Sep 2010 - July 2013**

- Studying & assimilating all key elements and features of the Customers specification, contract scope of responsibilities & technical requirements of the Project.
- Interacting with consultant and handle all technical issues during contract stage. Responsible for obtaining and developing data for preparation of specifications, test procedures, safety reports and purchase-related documents by the in-house Engineering consultant.
- Provide inputs to the Project Manager in the definition and preparation of the project procedures and guidelines, and ensure that they are fully met in all the engineering activities and in their outputs (project specifications and documentation).
- Participate in various internal meetings. Consult with appropriate engineering functions to ensure design criteria are suitable for the application and advise the changes to the concerned. Associate him in the integration & optimization of overall Plant layout and other packages.
- Verifying the project documentation (technical specifications, drawings, calculations, etc.) and ensure its communication/explanation to the other parties involved in the project.
- Maintaining regular interactions with industry and keep abreast with latest developments. Create and maintain cost database offered by other Contractors/ companies and competitors.
- Identifying and process changes that impact contract margin.

DESIGN ENGINEER

Firetech Boilers Pvt. Ltd [Bangalore- India] **Aug 2008 - Aug 2010**

- Boiler Drawings, Manufacturing drawings, GA Diagrams, etc.
- Generating BOM.
- Boiler Documentation for IBR