
PERSONAL DETAILS

NAME **AJAY SURESH KARANJKAR.**



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OBJECTIVE

To be a part of an organization where growth prospect is untitled and an individual is recognized by his work. As a professional I am creative, innovative and looking ahead to work in challenging environment and strive for excellence.

HIGHLIGHTS

- **Work Experience:** 2 years 7 months as Design Engineer.
 - Proficient in **CATIA V5** modules likes Part Design, Assembly Design, Drafting, Generative Surface Design, Generative Sheet Metal Design.
 - Knowledge of Manufacturing process like Blanking, Forming, Machining.
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VOLUNTEER EXPERIENCE OR LEADERSHIP

1. Modifications Zero gusset, Cowl panel and Windshield panels of Bolero Power Plus.
2. Design of Roof Lamp Brackets and Cradle design for mounting brackets in Bolero Ambulance.
3. Design of Bolero Chassis (All Variants) to incorporate changes for ABS.
4. Design modification of existing Bolero chassis to meet Crash Standards.
5. Modifications in Bolero U108 Chassis for Integrated Material Cost Reduction.
6. Design of Mounting brackets for Fuel line, Brake tubes and Wiring Harness.
7. Standardization of components across Bolero platform for cost effectiveness.
8. Design and Development of Seat Rotating Mechanism of Road Construction Equipment project, Atlas Copco.
9. Design and Development of Sliding mechanism of Seat-base on Platform of Road Construction Equipment project, Atlas Copco.
10. Working Jointly with CFT Team to improve the quality & productivity.

EXPERIENCE

1] DESIGNATION: **SR.DESIGN ENGINEER**

COMPANY NAME: **TATA TECHNOLOGIES LTD., PUNE.**

DURATION: FEB – 2019 TO TILL DATE

- Generate design concepts and produce conforming designs of BIW Structures.
- Design of Bumper Armature & Crush Cans for Jaguar and Land Rover vehicles.

2] DESIGNATION: **DESIGN ENGINEER**

COMPANY NAME: **MAHINDRA & MAHINDRA LTD. NASHIK.**

DURATION: MAY – 2018 TO JAN - 2019

- Generate design concepts and produce conforming designs of BIW & Chassis components.
- Preparing multiple proposals for Design of BIW & Chassis components considering functional specifications in accordance with the standards and development process.
- Design modification to meet functional requirements, Manufacturing feasibility.
- 2D drawing generation & detailing of part for manufacturing & development.
- Releasing of design data, components, assemblies, BOM & ECN.
- Standardization of components across Bolero platform for cost effectiveness.
- Data management in Team Center.

3] DESIGNATION: **DESIGN AND DEVELOPMENT ENGINEER**

COMPANY NAME: **SUPERNOVA WATERJET CUTTING SYSTEMS.**

DURATION: SEPT – 2016 TO APRIL – 2018.

PRODUCT DETAILS: Company develops & manufactures profile cuttings, Sheet metal components & welded Assemblies.

JOB RESPONSIBILITIES:

- Generate design concepts and produce conforming designs, parameters and calculations, Convert concepts into 3D models using Catia-V5 and 2D drawings using AutoCAD to work out on design for manufacturing.
- Assist Engineering Staff effectively to ensure the form, fit and function of designs while also working with fabrication management to ensure cost effectiveness and manufacturability of designs.
- Rendering of development documentation, comprehensively commented source code and user documentation.
- Generate and review **Bill of Material**.
- Prepare and maintain engineering release and change documents (**DCN & ECN**).
- Evaluation, review and usage of specifications and other technical documents.
- Identifying areas of quality failures & taking steps to rectify the system wide preventive and corrective actions to avoid the re-occurrences (**RCA, 8D report & CAPA**).
- Prepare **PPAP** documents, **PFD, Control Plan, SPC** and **ISIR**.

- Engineering management working closely with customers in launching new projects from product development, pilot run, to mass production.
- Develop jigs and fixtures for Inspection as well as process full-proofing.
- Develop vendors in line towards quality and productivity improvement:
 - Develop supplier assessment systems. - Conduct Supplier Evaluation, Supplier audits.

EDUCATION

MASTERS DEGREE IN MECH DESIGN ENGINEERING

Pune University

Project: Experimental Investigation on Surface Modification of Rotary Tiller blades.

BACHELORS DEGREE IN MECHANICAL ENGINEERING

Pune University

Project: Modelling and Simulation of Multi-Drive Clutch.

ACHIEVEMENTS

- Faced ISO Surveillance Audit for Design & Development Dept.
- Team Leader of Design & Development Dept.
- Published 2papers in National Journals.

DECLARATION

I hereby declare that all the information furnished above is true and genuine to the best of my knowledge.

Place:

Date:

(Ajay Suresh Karanjkar)