

RESUME

Address:-

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Mr. Sagar Appaso Vader**Email:** sagarvader1@gmail.com**Mob. No:** 9028407341, 9623101371**CAREER OBJECTIVE:**

“To explore the opportunities in the organization that I serve and to be a part of the team that dynamically works towards the growth of organization”.

KEY SKILLS:

- Total Experience 4.3Years with Expertise in Pro-E/Creo2.0,3.0,4.0, 5.0, 7.0.
- Auto Cad, CATIA, Creo design software's, Wind chill data management software.
- Good at 3-D Modeling, 2-D Drawings, Basic of Sheet metal, Casting & working with Assembly using Creo.
- Good Knowledge in Drawing reading, Developmental Designs, Gd&T and Tolerance Stack up.
- MS Office (Word, Excel and Power Point) & Basics of Computer
- Hands on Experience of Solid Edge and Unigraphics design software's.

WORK EXPERIENCE:**Currently Working In:**

- **Company:** - TATA TECHNOLOGIES
- **Period:** - NOVEMBER 2021 to Present
- **Job Profile:** - Design Engineer
- **Brief Job Responsibilities:** -
 - Working ACE 800 BS II Vehicle
 - Working on Foot control mounting and their assembly
 - Working on PLM for approval and releasing the parts.
 - Working on different aggregates like brakes and gearbox assembly etc.
- **Company:** TATA TECHNOLOGIES, Hinjewadi Phase1 Pune
- **Designation:** Design Engineer
- **Duration:** From 21Dec 2018 To 31 MARCH 2020
- **Responsibilities:**
 - Handle complete preparing and modifying Manufacturing drawings
 - Component level as well as assembly level.
 - Use of PLM for part planning and processing and approval.

➤ **Projects Completed on Cad Tool- Creo:** -

➤ **ULTRA T6 LHD:**

- Making vehicle assemblies in team center.
- Worked on spare wheel.
- Worked on fuel system pipe routing.
- Part numbering for new parts in PLM.
- Worked on different aggregates like rear axle, front axle, and frame.
- Checking assemblies in team center for mismatch and fouling of parts.
- Make the interference and clearance reports of DMU.
- Ability to modify the existing parametric 3D models

➤ **CARGO BODY:**

- Replace the old version parts with new modified version parts.
- Updating the drawings as per the customers' requirements.
- To make the dimensional checklist for parts.
- Works on different wheelbase vehicles like LPT1512 48WB, 53WB.
- Works on floor panels, side panels, cross members, R-pass, mounting bracket Overhead bars, front board, and Rear tail gate.

➤ **TIPPER APPLICATIONS:**

- Replace the old version parts with new modified version parts.
- Working on mountings for different vehicles.
- Working on hydraulic systems for tipper vehicles.
- Works on front board, Rear tail gate, floor panels, side panels and Stiffener.

PREVIOUS WORK EXPERIENCE:

▪ **Company:** Inoventic Tech Solutions, Pune.

▪ **Designation:** Design Engineer

▪ **Duration:** 1 August 2016 to 18 Dec 2018

▪ **Responsibilities:**

Handle complete preparing and modifying Manufacturing drawings

Component level as well as assembly level.

- Having Experience in **Creo 2.0/3.0/4.0** software for 3D Modeling, Assembly & Drawing of product designs.
- Provided suggestions on conceptual design of components.
- Use of GD&T in 2D, 3D, ISOMETRIC Drafting.
- Handled complex assemblies & create 2D drawing using the industry Standard best practices.
- Migration work & Reverse Engineering of parts.
- Understanding of manufacturing process, Quality checks for components and assemblies.
- Good understanding of drawing preparation of sheet metal components And welded assemblies.
- Having knowledge of DFMA.
- Handled customer quarries.

Projects Completed on Cad Tool- Creo:-

Most of the projects completed in **Casting and Sheet metal** domain.

Wheel end assembly. Cad tool- Creo 2.0

Role:

- Study of packaging input data for feasibility.
- Making cad model of child components as per guidelines.
- Preparation of layout and checking packaging.
- Making assembly of wheel ends and drawing with BOM.

Wheel end Hub for vehicle

Hub is a wheel end casting part which supports wheel & tire. The entire wheel hub assembly is responsible for the smooth and quite rotating of Tyre and Wheel

Role:-

- Preparation of 3D model and drawings for manufacturing.
- Conversion to a casting optimized the weight and strength of the component.
- Packaging check and finalize the cad model
- Manufacturing drawings with GD&T.

Anti-roll bar for front suspension in vehicle.

Role:-

- Preparation of drawing from customer.
- Study the packaging data.
- Made cad model and assembly with respective to packaging.
- Made drawing for child parts & assembly with BOM.

Design of Enclosure Panels and Silencer of 750KVA Genset

- 3D solid modeling, Drafting and detailing, Assembly, GD&T
- Sheet Metal design for panels.
- Applications of GD&T
- Generation of detailed manufacturing drawings.

Company: Bajaj Auto, Pune

Role- Trainee Engineer

Duration: 16th Oct, 2011 to 20th March, 2012,

- 3D modeling of Sheet-metal parts of two wheeler chassis.
- Geometric modeling and dimensioning.
- Use of Wind-chill for part planning and processing and approval.

ACADEMIC PROJECT WORK:

“Waste elimination by using Lean manufacturing technology”

We were having an issue on assembly line that caused holes on the chassis to get blocked partially after dipping the chassis in the paint tub. Because of that, it created problems in

further mounting of parts on to the Chassis. As a part of my work, I checked 100 samplings of chassis and found out reduction in holes Dia because of pouring of paint into them.

EDUCATIONAL QUALIFICATION:

EDUCATION	INSTITUTE NAME	YEAR OF PASSING	PERCENTAGE
BE (Mech.)	Savitribai Phule University Pune	2015-2016	59%
DME	Shard Polytechnic, Yadav (Ichlkaranji)	2010-2011	69.59%
S.S.C	Navjeevan High school, Jaysingpur	2004-2005	53.46%

PERSONAL INFORMATION:

Name: Sagar Appaso Vader.

Birth Date: 01-04-1989

Gender: Male

Marital status: Unmarried

Languages known: Marathi, English, Hindi & Kannada (speak only)

Hobbies: Reading, Cricket.

Special strength:

- Adapting Easily
- Working with people from diverse background

Self-Assessment: Motivated person, friendly nature, Leadership skills, Confident.

DECLARATION:

I hereby declare that the information furnished is true to the best of my Knowledge.

Place: Pune

Date :

(SAGAR APPASO VADER)