

Tushar A. Bharambe

B.E in Mechanical

+91 9673635011

bharambet1898@gmail.com

ABOUT ME

I am a **Mechanical Design Engineer** with **4 years** of experience in designing mechanical parts and systems for manufacturing and industrial applications and **1 year** of experience as a **Machine Operator**. I have good skills in 3D modeling, drafting, and design checking using tools like **SolidWorks** and **AutoCAD**. I focus on creating practical and cost-effective designs that follow industry standards. I enjoy working with different teams, handling design tasks, and finding ways to improve product performance. I am passionate about solving problems and delivering high-quality engineering work.

WORK EXPERIENCE

05+ Years in Service

AGE

27yrs.



Certification Courses / Tools/Skills

- Knowledge of SAP.
- Course on Computer Concepts CCC.
- Knowledge of MS-Office.
- Diploma in Mechanical CADD (AUTO CAD & SOLIDWORKS).
- Certification courses CATIA & CREO.



Work Experience

• DESIGN ENGINEER-HYOSUNG T & D INDIA PVT LTD.

PUNE, FEB 2024 – PRESENT

Responsibilities

- Designing transformers body including oil-filled and dry-type transformers and Reactors
- Developed and managed all technical drawings and project documentation using AutoCAD and SolidWorks, ensuring accuracy and compliance with project standards.
- Designed layouts for transformers and reactors in oil-cooled and dry-type constructions based on engineering specifications.
- Design components such as tank bodies, cooling fins, conservators, and covers.
- Establishing transformer dimensions and parameters to meet customer specifications, such as shipping limits and noise levels (Noise Enclosure).
- Working with other departments, such as manufacturing, sales, and mechanical design, on technical topics.
- Ensure all design changes are properly documented and communicated.
- Manage project timelines to meet production schedules.
- Delivering products on time, at cost, and to specification.

- **DESIGN EXECUTIVE-ACCUPACK ENGINEERING PVT LTD.**

RABALE, JAN 2023 - OCT 2023

Responsibilities

- Design blister packaging molds using CAD software (e.g., SolidWorks, AutoCAD)
- Create 3D models and 2D technical drawings for forming tools, dies, and cutting stations.
- Ensure designs meet product specifications, forming requirements, and production tolerances.
- Select appropriate **materials** for blister mold construction (typically aluminum, steel).
- Understand **thermoforming** or **cold forming** processes, including material flow, heating parameters, and forming pressure.
- Maintain detailed design documentation, revision histories, and change control records.
- Create and manage BOMs (Bill of Materials) for blister mold components.
- Support **mold trials** and validation processes.
- Implement design improvements based on feedback from production or QA

- **DESIGN EXECUTIVE- SELEC CONTROL PVT LTD.**

MAHAPE, DEC 2021- JAN 2023

Responsibilities

- Create detailed designs of jigs, fixtures, and tooling using CAD software (e.g., AutoCAD, SolidWorks, CATIA).
- Develop innovative solutions for manufacturing challenges through custom jig and fixture designs.
- Analyze product and manufacturing requirements to design efficient and cost-effective jigs and fixtures.
- Support the prototype development and testing of jigs and fixtures to validate design effectiveness.
- Maintain records of design changes and updates.
- Make necessary design modifications based on test results and production feedback.
- Estimate material and production costs for jig and fixture manufacturing.
- Manage timelines for design completion to support production schedules.

- **JR. DESIGNER TRINEE- ASB INTERNATIONAL PVT LTD.**

AMBERNATH, FEB 2021- DEC 2021

Responsibilities

- Help create 3D models and 2D technical drawings using CAD software (e.g., SolidWorks, AutoCAD)
- Understand design guidelines for bottle necks, threads, body profiles, and base geometry.
- Help in modifying existing mold designs as per feedback or engineering changes.
- Study mold parting lines, cooling channels, and ejection systems to ensure efficient molding.
- Prepare engineering drawings, BOMs, and technical documents under supervision.
- Maintain design revision records and follow company design protocols.
- Work closely with senior designers, toolmakers, and production teams.
- Attend design and review meetings to understand project requirements and timelines.



Education

BE. In Mechanical N.H.College of Engineering and Management Parali, Maharashtra	Graduated, OCT.2023 Marks 68.5% (A Grade) First Class
Diploma in Mechanical G.H.Raisoni college of Engineering Jalgaon, Maharashtra	Graduated, July 2020 Marks 74% (A Grade) First Class
12th HSC SHRI Murudeshwar college of HSC Maharashtra state board, MH	Marks 81% Distinction
10th SSC Swami Vivekanand Vidyamandir Maharashtra state board, MH	Marks 64%



PERSONAL INFORMATION

NAME	TUSHAR AJAY BHARAMBE
GENDER	MALE
FATHER NAME	AJAY JANARDHAN BHARAMBE
MOTHER NAME	VARSHA AJAY BHARAMBE
BIRTH DATE	18/03/1998
BIRTHPLACE	JALGAON, MAHARASHTRA
LANGUAGES	MARATHI, ENGLISH, HINDI
MARITAL STATUS	UNMARRIED
NATIONALITY	INDIAN

I hereby declare that the information given above is true to the best of my knowledge and belief.

TUSHAR BHARAMBE,

