

## **CURRICULAM VITAE**

Name – **VAISHNAVI TUSHAR MHATRE.**

Add- Plot no 142, Matoshri  
Sector 16A, Darshana society  
Nerul, Navi Mumbai -400706  
Email: [mhatrevaishnavi777@gmail.com](mailto:mhatrevaishnavi777@gmail.com)  
Contact No.7767038747

### **CAREER OBJECTIVE:**

**Looking for organization, where I can enhance my knowledge, skills for overall development of organization.**

### **EDUCATIONAL QUALIFICATION:**

Sr. No.	Name of School/College	University/ Board	Course	Year of Passing	CGPA / Percentage
1	MGM CET, Kamothe	University of Mumbai	B.E. Mechanical	2019	8.79
2	Government Polytechnic, Pen	M.S.B.T.E.	Diploma in Mechanical Engineering	2016	82.54 %
3	Janta high school, Gadab	Maharashtra State Board	S.S.C.	2013	88.18 %

### **AREA OF INTERSET:**

R&D, DESIGN, PRODUCT DEVELOPMENT

### **WORK EXPERIENCE:**

Name of company	Designation	Current CTC	Working Period
<b>INDAUST MARITIME PVT.LTD</b>	<i>Assistant Engineer (Research &amp; Design)</i>	<i>3L P. A</i>	<i>21<sup>st</sup> Aug 2019 to Present</i>

### **JOB DETAILS:**

- Design and fabrication of battery cell structure by CNC machining process for electrical vehicle.
- Design and fabrication of hydraulic press machine for manufacturing electrodes.
- Designing components of metal air battery such as flow system, metal electrode arrangement.
- Contributing to new product definition, from concept to full specification, to address new engineering applications in batteries use for EV.
- Researching on design of metal air batteries for electrical vehicles.
- Reviewing the engineering/ design changes & resolving fabrication related problems with design.
- Design and developing assemblies for battery components & testing the performance of battery cell.

### **INTERNSHIP:**

- H&R JOHNSON (I) PVT.LTD

**ENGINEERING & SOFTWARE SKILLS:**

- AUTO -CAD
- SOLIDWORKS
- 3D PRINTING
- ANSYS WORKBENCH
- MS WORD, MS EXCEL, MS POWER POINT

**ACHIVEMENTS:**

1. Secured 1<sup>st</sup> rank in academic year organized by MGMCET ,2018.
2. Secured 1st rank in academic year organized by MGMCET,2019.
3. Participated in and presented in national level project & poster competition held at DY Patil Pune.

**PROJECTS:**

1. **DIPLOMA PROJECT:** SPEED BREAKER AIR COMPRESSOR
2. **BE PROJECT:** ANALYSIS OF SPINAL CORD USING SOLIDWORKS
3. **CURRENTLY WORKING PROJECT:** DESIGN OF METAL AIR BATTERY FOR EV VEHICLES.

**PERSONAL STRENGTHS:**

- ❖ Positive attitude towards assigning work
- ❖ Designing& researching skills
- ❖ Leadership skills

**PERSONAL DETAILS:**

Name : Vaishnavi Tushar Mhatre  
DOB : 3/6/1997  
Gender : FEMALE  
Marital Status : Single  
Language known : English, Hindi, Marathi  
Hobbies : Cooking, drawing, reading, traveling

**DECLARATION:**

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

DATE:

PLACE:

**VAISHNAVI TUSHAR MHATRE**