

## **APOORVA DONGRE**

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### **Summary**

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I am an individual who likes to interact with people and I am looking forward to work in a team. Optimistic, eager to learn new technologies and acquire knowledge, aptitude for creative side, perseverance and comprehensive problem solving abilities.

### **Work Experience**

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#### **Sarman Engineering Pvt Ltd**

Dombivli, Maharashtra, India

Pioneers in switchgear industry delivering customized test benches. Manufacturing company having specialization in designing, commissioning and servicing of test equipment for switchgear products.

Assistant Engineer

2<sup>nd</sup> Feb 2022 – Present

Responsible for :

- Electrical Design Engineer producing electrical wiring diagram on E-Plan software, labels for every drawing, creating trial schedule for shopfloor checklist, operating instructions manual for dispatch, documenting each activity in the form of an SOP & generating bill of materials.
- On board with Marketing Team to explore the field. Member of Quality circle of the company. Attending weekly meeting to implement quality framework in the factory. Launched LinkedIn page of the company after decade long existence successfully. Generated new customer base after joining this department thus receiving promotion.

#### **Shubhada Polymers Pvt Ltd**

Nerul, Navi Mumbai, Maharashtra, India

A company for designing, manufacturing and supplying complete range of epoxy molded components. The aim is to make electrical insulating and engineering products produced from reinforced plastics.

Quality Engineer

14<sup>th</sup> Jan 2021– 15<sup>th</sup> May 2021

Responsible for :

- Testing finished products, handling quality issues, in-process management, documentation, working on different electrical insulating materials, assisting in inspection activity for dispatch compliance.

## Educational Qualifications

Course / Degree	Institute / Board	Year	Percentage
B.E in Electrical Engineering	A. C. Patil College of Engineering (University of Mumbai)	2019	53.45%
H.S.C	Maharashtra State Board	2015	54.43 %
S.S.C	Maharashtra State Board	2013	82.00 %

## Internships

### **1. Electric Loco Shed, Kalyan Junction [ 19<sup>th</sup> Dec 2017 – 2<sup>nd</sup> Jan 2018 ]**

The working of loco motors on different types of engines was explained with live demonstration inside one of the electric locomotives. The various zones of the Indian Railways and the evolution of trains since steam to current electric mode was shown in a museum.

### **2. HVDC Terminal Station, Padghe [ 23<sup>rd</sup> June – 27<sup>th</sup> June 2018 ]**

This facility under MAHATRANSCO helped me understand the distribution of power to different parts of the state via overhead bipolar transmission line and the working of thyristor valves and converter transformers.

## Degree Project

### **Title : Speed control of DC motor using dual quadrant chopper**

The aim of our project is to read the speed of motor using digital screen. The motor used is a separately excited DC motor. A model is made by controller and using MATLAB Simulation. By applying the open loop and close loop of dual quadrant chopper with respect to the fundamental graphical results, the desired speed is obtained.

### Software skills

- Auto CAD – 2013
- PLC Logic Implementation – Siemens, Allan Bradley, Delta
- Scada
- HMI
- EPLAN for wiring diagram
- MS-Office

### Strengths

- Leadership
- Team work with knowledge sharing
- Hardworking
- Excellent communication