**MOHAMED**

B.E Mechanical

Mohamed.383944@2freemail.com

**Objective**

Seeking a challenging opportunity in an organization, where my resourceful skills and knowledge will add value to organizational operations.

**Work Experience**

|  |  |
| --- | --- |
| **Renault Nissan Automotive India Pvt Ltd** | **Graduate Apprentice****Mar 2017 to Mar 2018** |
| * Worked in Vehicle production planning in Body shop for Datsun Redi Go, Renault kwid and Nissan Micra.
* Carried out Spot welding for body main chassis and engine assembly component.
* Executed QA/QC dimensional inspection in final body and ensure to avoid any concern.
* Involved in Kaizen activities for the improvement of overall equipment efficiency in body shop.
 |

**Skills**

* **MEP ENGINEERING**
	+ **HEAT VENTILATION AND AIR CONDITIONING**
		- Capable of performing Heat load calculation by using E20 form and HAP.
		- Pipe sizing and duct sizing can be calculated by using software method
		- Have knowledge about equipment selection, VRF and VAV system
		- Designing of ventilation systems and cold storage system

* + **FIRE FIGHTING**
		- Able to design hydraulic calculations
		- Can analyze the classes of fire
		- Well versed with sprinkler selection, wet and dry sprinkler systems
	+ **PLUMBING**
		- Able to design OHT and UGT tank size calculations
		- Basics of plumbing fundamentals
		- Able to design water supply system for both high rise and low rise building
* **REVIT**
	+ Well acquainted with basics of architectural drawing and MEP Services.
* **Non-Destructive Testing (NDT).**
	+ Able to perform necessary tests to locate the indicators and discontinuities that may cause failures in structural and mechanical components.
	+ Testing methods - Radiographic testing, and Magnetic particle testing, liquid penetrant and eddy current testing.
* **Computer Aided Designing and Drafting.**
	+ 2D Drafting using -Autocad2015.
	+ Modeling Tools - Catia V5, Creo Parametric (Pro e).
* **Rapid Prototyping (3D Printing).**
	+ Able to print 3D file by interfacing 3D printer with Pronterface, Cura and Slicer.

**Certification**

* MEP Engineering-Design and Drafting

- (HVAC, PLUMBING, FIRE FIGHTING), REVIT

-Unique MEP Engineering Academy Pvt., Ltd., Chennai.

* American Society for Non-Destructive Testing (ASNT). -Level II

-Vibrant Training & service, Chennai.

* In plant training in Integral Coach Factory, 2015.

-Integral Coach Factory, Chennai.

* Business English Certificate (BEC).

-Council of Europe

**Projects**

* **FUSED FILAMENT FABRICATION (3D Printer). (B.E., Final year project).**
	+ In this project, a 3D printer is developed by fused deposition modeling (FDM), which creates three dimensional objects by laying down successive 2D-layers of material like ABS, PLA, Polymer, etc.
* **III Year Project - Flange coupling. (Design and Fabrication Project).**
	+ This project an Un-Protected type flanged coupling is designed and fabricated. Stress factor analysis is also done.
* **Fabrication of Geneva Conveyor. (Diploma Final year Project).**
	+ In this project a conveyor is fabricated with Geneva drive, which is used for transformation of materials from one place to another

**Educational Qualification**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Degree/class** | **Institute** | **University****/Board** | **Year of passing** | **Marks** |
| **Bachelor of Mechanical Engineering** | Panimalar Engineering College, Nasarathpettai, Poonamalle, Chennai – 600 123. | Anna University | APR 2016 | 7.7 Cgpa |
| **Diploma in Mechanical Engineering** | Panimalar Polytechnic College, Nelson Manickam Road, II Street Chennai -600 029. | Department of Technical Education | APR 2013 | 88.58% |
| **SSLC** | ST John’s Matr Hr School, Villivakkam, Chennai – 600 049 | Matriculation | MAR 2010 | 77.2% |

**Personal Information**

GENDER : Male

D. O. B : 06/10/1994

NATIONALITY : Indian

MARITAL STATUS : Single

DRIVING LICENSE : Valid Indian Driving License

LANGUAGES : English and Tamil.

VISA STATUS : Visit Visa

I consider myself familiar with all details furnished above. I hereby declare that the information furnished above is true to the best of my knowledge.

**Date: 22-09-2018**