**AFSAL**

**Mechanical Engineer**

**E-mail:** **afsal.372752@2freemail.com**

**OBJECTIVE:**

A professionally qualified **Mechanical Engineer** with hands on experience in maintenance, installation, projects & MEP assignments, seeking a position with a reputed organization where my education and experience will have valuable application.

**SKILLS PROFILE:**

* Have 2 years of Experience as a mechanical engineer in India
* Professionally qualified with **Bachelor of Engineering in Mechanical(B.E)**
* Well Versed with AutoCAD & M.S. Office Application.
* Have excellent knowledge & skills in mechanical engineering concepts.
* Experience in Maintenance, Quality assurance, GD&T and Designing Software’s.
* Well trained in safety & security at work place.
* Good spoken & written communication and influencing skills.
* Energetic and capable of working with minimal support and a good deal of autonomy.
* Have excellent people skills; Excellent team player with good ability in networking and leadership.
* Can work under pressure and meet deadlines.
* Flexibility and openness in daily work and ability to adapt quickly and aptly to changing strategies, procedures and methods.

**EMPLOYMENT HISTORY:**

Company : SHILPI CONSTRUCTION

Designation : **SITE ENGINEER**

Duration : July 2017 to Jan 2018

**RESPONSIBILITIES**

SHILPI Construction deal with Plan,Supervision,Construction,Land survey,Levelling.

* Regular inspection of HVAC and Refrigeration system on daily basis.
* Conducting preventive maintanance of every units as per the schedule and also general Maintanance at regular intervals (units such as chiller, cooling tower chiller rooms , AHU etc.. controlling and hvac units by BMS (Building Management System).
* Planning and preparation of maintanance schedule.
* Perform preventive and corrective maintanance on electrical equipments.
* Conduct heat load calculations,pipe sizeing as well as review construction documents
* Designing of Layouts in AUTOCAD
* Monitored staff performance and hired supplementary personnel as needed
* Supervised construction progress to ensure accordance with company quality standards

Company : AYT ENGINEERING PVT LTD

Designation : **CONDITION MONITORING ENGINEER**

Duration : Dec 2016 to June 2017

**RESPONSIBILITIES**

 AYT Engineering PVT LTD is Sister Concern of AYT International LLC and deal with Testing and commissioning of All Electrical Energy Equipments, Diagnosing Testing of Electrical Equipments.

* Well Knowledge of Partial discharge measurement of 11kV Substation Equipments like transformer Cable boxes,Switch gears etc. Using Ultrasonic/Corona discharge methods
* Condition monitoring of 11kV Switchgears
* Thermal imageing of 11kV Substation Equipments like Switch gear,Transformers,Cables Termination etc
* Preparations of diagnostic test reports
* Joints locating and domine Reflectrometry (TDR)
* Suggest the corrective actions
* Project planning through MS project Gantt chart
* Project Reporting,Site Co-ordination
* Designing of Layouts in AUTOCAD

Company : TORQUE ENGINEERING CONSULTANTS

Designation : **JUNIOR SITE ENGINEER**

Duration : Dec 2015 to Nov 2016

**RESPONSIBILITIES**

* Preparation of Material Requisitions as per work requirement
* Preparation Of Data Sheets
* Coordinating with Technical teams to clarify the queries of Vendors
* Heat Load Calculation Using HAP Software (Hourly Analysis Program)
* Designing of Layouts in AUTOCAD
* Designing of Layouts in REVIT
* Vendor Documents & Drawing Review

**PROFESSIONAL QUALIFICATION**

**Bachelor of Engineering (B.E) in Mechanical Engineering**

Institution/University : Rajarajeshwari College of Engineering, Approved by AICTE, NBA

Accredited & Affiliated to Visveswara Technological University,Belgaum

**Higher Secondary Education**

Board : Kerala State Board (HSE)

**All India Secondary School Examination (AISSE)**

Board : Kerala State Board

**CERTIFICATION COURSE**

**Advanced Certificate Course in MEP**

Institution : TORQUE Engineering Consultants

Period : October 2015 to November 2015

* HVAC (Heating, Ventilating and Air Conditioning) Designing and Drafting
* Fire Fighting Designing and Drafting

**PROJECT DONE**

**Fabrication of Agro-waste agricultural shredder machine**

* The waste shredder machine can be applied not only in mass level but also small level agricultural field.
* The Coconut husk and Coconut fronds can be easily converted to small pieces and can be use as a good fertilizer for coconut cultivation.
* It can be used in forest industry to convert the heap amount of tree branches and leaves including peals to useful fertilizer or vermin compost.

**COMPUTER SKILLS:**

* **OPERATING SYSTEM** : WINDOWS XP, 7 & 8 &GNU-LINUX.
* **PACKAGES :** Microsoft Office , Microsoft Excel
* **DESIGNINGSOFTWARE**: SOLIDEDGE, ANSYS, CNC PACKAGES ,AUTOCAD 2014 & REVIT 2014

**PERSONAL PROFILE:**

Date of Birth : 26-01-1990

Nationality : Indian

Status : Single

Visa Status : Visit

Languages : English, Hindi, Malayalam, Tamil & Kannada

**Declaration**

 I HEREBY DECLARE THAT ALL THE STATEMENT ABOVE MENTIONED ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF