**RESUME**

**SAGAR SHIVAJI MORE**

**B.E(Mechanical Engineering)**

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**BRIEF OVERVIEW:**

Seeking for a challenging position in a competitive and growth oriented environment where my skills, knowledge and experience along with my enthusiasm can be utilized.

**SUMMARY:**

Over **THREE MONTHS OF INTERNSHIP IN MEP Design and Revit-MEP modeling** with, good analysis and design capability, good 3D modeling, good communication and interpersonal skills, proven individually in project management and worked with team of

professionals.

**ACADEMIC PROFILE:**

**S. No Degree/Diploma Board/University Year Percentage**

1. B.E( mechanical Engineering PUNE,UNIVERSITY

2015 61.93%

Diploma (Mechanical

2.

Engineering) MSBTE 2012 72.42%

3. SSC STATE BOARD 2008 65.60%

**TECHNICAL SKILL**

❖ REVIT MEP

❖ Diploma in a Design & Drafting of MEP systems.

❖ AUTO-CAD Software

❖ HVAC Software - HAP, McQUAY Duct & Pipe Sizer, BETA Performance data programmer, E 20,Caree, Psychometric Chart Analyser, Converters.

❖ VRF, Split, Ductable, AHU, and FCUS, PAC.

❖ Planning of HVAC system

❖ Cooling and Heating load calculations

❖ Chiller selection ,DX SYSTEM

**Plumbing Design:**

❖ Water pipe Sizing in Buildings

❖ Septic Tank sizing

❖ Designing Strom Water Drainage In Building

❖ Estimating Hot water Demand and Heater Capacity Selection

**Electrical Design**

❖ Preparing load schedule of the light load and power

❖ Cable Selection by Voltage Drop Calculation and Anixter Software.

❖ Single Line Diagram Preparations

❖ Earthing Calculations

❖ Circuit Breaker Selection by Fault Level Calculations.

**Fire Fighting Design**:

❖ Over Head Tank sizing

❖ Sprinklers Selection, Designing, Pipe Sizing.

❖ FM200 System capacity, Pipe Sizing.

❖ Stand pipe system design.

**Revit MEP 2015:**

❖ **Planning Mechanical System**: **-** Preparing Spaces, Creating Zones in different levels, Analysing Heat and Cooling Load, creating an Air Flow Schedule.

❖ **Designing Mechanical Air System: -** Placing Hosted and Non Hosted Air Terminals, Creating supply Air Systems, Creating Duct Work manually and automatically.

❖ **Designing a Mechanical Piping System: -** Adding Mechanical Equipment, Creating a

Piping System, Adding Pipe using Auto or Manual Layout, Sizing Pipe, Adding Valves, Inspecting a System.

❖ **Planning Electrical System:-** Specifying Electrical Settings, Defining Required

Lighting, Creating Color Fills and Schedule

❖ **Designing an Electrical System: -** Adding Lighting Fixtures, Placing Switches,

Junction Boxes, Creating Lighting Circuits with Wires, Creating Switch System, Creating Power Loads, Balancing Wire Sizes and Breaking Services.

❖ **Designing a plumbing System: -** Adding Sanitary Fixtures, Creating a Sanitary System, Refining the Sanitary Stack, Creating Cold Water System, Creating the Hot Water System.

❖ **Planning a Fire Protection System:** Specifying Pipe Setting, Determining Zone

Requirement, Creating a Sprinkler Design Schedule.

❖ **Designing a fire Protection System: -** Adding Sprinklers, Creating a piping System, Modifying Pipe Diameters.

❖ **Creating Documentation Views: -** Duplicating plan Views, Creating A plumbing

Isometric Riser.

❖ **Working With Annotations and Dimensions: -** Creating Annotations, Creating

Dimensions, Creating a Legend.

**PROJECT :**

❖ 3 phase induction motor protection.

❖ Heat load calculation and drafting of office building Aurangabad.

❖ Modeling of office building by Revit mep.

❖ Designing and drafting of ventilation system.

**COMPUTER COMPETENCENCY:**

• **Operating Systems:**Windows 7, Windows Vista, XP.

• **Office Package:** MS Office 2010, 2007, 2003 (Word, Excel, PowerPoint)

**Key Skills:**

❖ Sharp grasping power and initiative.

❖ Solve problems analytically and logically.

❖ Ability to control and lead others

**Area of interest:**

❖HVAC, MEP System, Electrical-MEP, Fire Fighting & Design System, Plumbing system, Revit MEP.

**Personal Details:**

Name : Sagar shivaji more Father’s : Shivaji more

Gender : Male

Date of Birth : 15 Dec.1991

Marital Status : married

Nationality : Indian

Hobbies : Reading books, Watching movies, playing cricket ,listening

Songs and internet surfing.

**Declaration:**

I hereby declare that all the information mentioned above is true and complete to the best of my knowledge.

**Date:**

**Place: SAGAR MORE**