

## **CURRUCULUM VITAE**

**Bhuwanesh Patil**  
**B.E Mechanical,**  
**BIM Engineer (MEP),**  
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## **JOB APPLICATION**

To  
The HR Manager

**Sub:** Application for the post of "BIM Engineer [Revit MEP]".

Dear Sir,

With reference to the above subject, I avail this opportunity to introduce myself Bhuwanesh Patil. I am in a field where creative and logical thinking is must and I am confident that I can do justices to the work with my talent and skills.

Being actively involved in the field of **MEP as a BIM modeller** for 1.2 years, I have gained wide experience, which has benefited me professionally and broadened my creative and logical thinking in the **MEP** field. I am confident to Design & Draft the Mechanical works for commercial, Residential, Hospitalized & industrial projects.

I'm enclosing here my **Curriculum Vitae** for your kind consideration of my candidature and hope that I may get an opportunity to prove my worthiness. Keeping in view of my qualification, knowledge and experience, I am confident that I can fulfill the above-mentioned assignment perfectly and live up to your expectations.

Looking forward for a favorable response.

With best regards,

**Bhuwanesh Patil**

## **Enclosure: Resume**

### **BRIEF OVERVIEW:**

Looking for a challenging and demanding position in a growth oriented MEP consulting organizations, where there is ample scope for individual and organizational growth.

### **SUMMARY:**

Working as a BIM modeller at **BDC ENGINEERS** since Dec 2018.

Around 1.2 years of experience in **MEP** Industry with, good analysis and design capability, good communication and interpersonal skills, proven individually in project management and worked with team of professionals.

### **EDUCATIONAL QUALIFICATION:**

- ❑ B.E [Mechanical] from GHRIEM, Jalgaon in 2018

### **COMPUTER KNOWLEDGE:**

#### **Hvac Design :**

- ❖ Hourly Analysis Program (HAP) For Heat Load Calculation.
- ❖ TOSHIBA Software for VRV pipe sizing.
- ❖ GENERAL FORM
- ❖ E-20 FORM
- ❖ Chilled Water Pipe Sizing by McQUAY Pipe Sizer
- ❖ Duct Sizing By McQUAY Duct Sizer
- ❖ CAREER PSYCHOMETRIC CHART ANALYSER
- ❖ BETA TERMINAL DEVICE SELECTOR (Diffusers, Grills, Louvers)
- ❖ Cooling Tower Selection
- ❖ Duct Designing by Equal Friction Method, Velocity Reduction Method, Static Regain Method.
- ❖ Ventilation Calculations for Kitchen, Toilets and Car Parking Areas.

#### **Revit MEP :**

- ❖ Creating an MEP Project, Linking Projects, Creating and applying a view to Template,
- ❖ **Planning Mechanical System:-** Preparing Spaces, Creating Zones in different levels, Analyzing Heat and Cooling Load, creating a 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.

### **Drafting Software:**

- ❖ AutoCAD 2000-2016, REVIT MEP

### **Operating Systems:**

- ❖ Windows 7, Windows Vista, XP, 98.

### **Office Package:**

- ❖ MS Office 2010, 2007, 2003 (Word, Excel, PowerPoint)

## **TECHNICAL EXPERTISE:**

### **JOB RESPONSIBILITIES:**

#### **Revit modeling:**

- Project Setup, View template, filter, sheet creation and preparing schedules.
- Preparation of 3D Model in Revit MEP for HVAC Layout.
- Handling the overall project, Coordination and Quality checking.
- Sheet creation, View template, filter and preparing schedules.
- Troubleshooting and guiding the team.
- Maintaining the project standards as per requirement.
- Concept / Preliminary Planning of the Utilities Layout.
- Cross Checking of Schematics with floor plans.
- Quantity take off for HVAC system.
- Co-ordination with all Mechanical services and electrical services.

## **PROJECTS WORKED ON :**

- ❖ Residential Apartment

❖ Office building

#### PERSONAL DETAILS:

Name : Bhuwanesh Ashok Patil  
Father's Name : Ashok Hiranman Patil  
Sex : Male  
D.O.B : 14/12/1995  
Marital Status : single  
Nationality : Indian  
Language Known : English, Hindi and Marathi  
Permanent Address : Plot no. 37 new parvati kale nagar, Jalgaon  
Maharashtra.

#### DECLARATION

I hereby declare that the above furnished details are true to the best of my knowledge and belief.

**Date** :

**Place** : Aurangabad

Yours Sincerely

**(Bhuwanesh Patil )**