



Harshavardhan Vaishnav

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WORK EXPERIENCE

BIM Modeller

BDC ENGINEERS / AURANGABAD, MH / OCT 18 - Present

- ❖ Creating a MEP Project, Linking Projects, Creating and applying a view to Template,
- ❖ Study the contract drawings and mark ups from the client
- ❖ Family creation
- ❖ Model the mark ups in REVIT/AutoCAD & coordinating with other services
- ❖ Schedule preparation.
- ❖ Planning and Designing Electrical System
- ❖ Basic knowledge about a fire Protection System placement.
- ❖ Updating Revisions as per the onsite team requirements
- ❖ Adding Lighting Fixtures, Placing Switches, Junction Boxes, Creating Lighting Circuits with Wires, Creating Switch System, Creating Power Loads, Balancing Wire Sizes and Breaking Services.
- ❖ Preparing Spaces, Creating Zones in different levels.
- ❖ Placing Hosted and Non-hosted Air Terminals, creating supply Air Systems, Creating Duct Work manually and Automatically

CAREER OBJECTIVE

Intend to build a career which will offer me excellent opportunity and challenge, where I can utilize my knowledge, various skills & experience in contribution towards fulfilling the company's growth objectives, develop my career and excel in the related field.

BRIEF OVERVIEW

I am an Electrical Engineer having more than 1 year of experience in the specialization of Modelling of HVAC, Plumbing, Drainage & Fire Fighting services from Oct 2018 till Date.

I also have experience as an Electrical site Engineer for more than 1 year which includes knowledge of various electrical Installations, Equipment maintenance and troubleshooting.

I am also well recognized for giving attention to the details, adherence to Specifications, Method statements, Contract documents, Tender drawings. Additional to exceptional skills in managing teams at site & of site.

PROJECTS WORKED ON

Residential apartment (G+4F)

>>Responsibilities:

- ❖ Project Setup, View template, filter, sheet creation and preparing schedules.
- ❖ Preparation of 3D Model in Revit MEP for HVAC Layout.
- ❖ Troubleshooting and guiding the team.
- ❖ Maintaining the project standards throughout the whole project as per standard.
- ❖ Preparation of drawing with annotation, dimensioning, sections, details in sheet.
- ❖ Preparation of clash detection & analysis report with possible solutions.
- ❖ Updating drawing as client's requirement.

Electrical Site Engineer

Narkhede Engineers/ Nashik, MH /JUL 16 – SEP 18

- ❖ Experience in Various projects related to Electrical Installations
- ❖ Installation of Transformers, HT and LT lines machines and panels
- ❖ Residential wiring, commercial Wiring
- ❖ Ensuring that installation and operations conform to standards and customer requirements by preparing electrical systems specifications, technical drawings or topographical maps.
- ❖ Estimating material, labour, or construction costs for budget preparation.
- ❖ Performing a wide range of engineering tasks by operating computer-assisted design or engineering software and equipment.
- ❖ Ensuring compliance with specifications, codes, or customer requirements by directing or coordinating installation, manufacturing, construction, maintenance, documentation, support or testing activities

DECLARATION

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

PLACE:

EDUCATION

B.E. ELECTRICAL ENGINEERING // 64
*P.E.S. Modern College Of Engineering
Pune University, Pune.
2013 – 2016.*

DIPLOMA IN ELECTRICAL
ENGINEERING *SMES Polytechnic,
Nashik 2010-2013*

KEY SKILLS

*Analytical thinking
& planning*



*Strong
communication*



Problem Solving



Tolerant & flexible



Team Leader



Adaptability



CERTIFICATIONS

AUTODESK REVIT (V.14 –V.19)
Alaska/MAHARASHTRA

PERSONAL DETAILS

FATHERS NAME : Rajendra vaishnav
D.O.B. : 20/10/1992
Languages known : English,Hindi,Marathi.

SOFTWARE PROFICENCY

- ✓ Autodesk REVIT MEP & 3D modelling (V.2014 – V.2019)
- ✓ Autodesk Navisworks
- ✓ Auto CAD
- ✓ MatLab
- ✓ Microsoft office

SIGN: