

CURRICULUM VITAE

RAJAT BADYAL

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OBJECTIVE:

- Seeking a challenging position to utilize my skills and abilities in the areas of BIM Industry, This offers a professional growth while being resourceful, innovative and flexible.

ACADEMIC QUALIFICATIONS:

- B.tech in Mechanical Engineering On July, 2015 from Ferozepur College of Engineering and technology affiliated to IK Gujral PTU, PUNJAB with 76% marks.
- Higher secondary on April, 2011 from C.B.S.E Board with 70.3%.
- Secondary on April, 2009 from C.B.S.E Board with 48.2%.

PROFILE SUMMARY:

- Knowledge of the entire BIM field including MEPF Services Architecture, Structure and Massing site.
- Knowledge of the US design codes and Construction codes for MEPF services and LOD Matrix.
- Understanding and preparations of the Contract, IFC, CAD drawings, Redlines and Markups as per client requirements.
- Coordinating with all the MEPF services with ARCH. & STRUCT.
- Preparing 3D Model in Autodesk Revit and AutoCAD MEP.
- Preparing 2D Single line diagram in AutoCAD.
- Preparation of Shop drawings, isometric drawings and spool drawings, use of AutoCAD, MEP and REVIT MEP .
- Creating Families and 2D,3D blocks in **Revit and AutoCAD** resp. as per the client's requirement.
- Preparation of Central file, Project Setup Layouts, General Arrangements and detailed drawings independent.
- Take off the material, Scheduling & Quantities, Heating and Cooling Load, Panel Scheduling ,use of Revit and Navisworks.
- Knowledge of Trimble and how to export Trimble file ,use of AutoCAD MEP and Revit MEPF
- Knowledge of Time linear and Quantifications of the Project, use of Navisworks.

PROFESSIONAL EXPERIENCE:

1) Company Name	:	TechnoStruct
Period of work	:	FEB. 2017 To Active.
Location	:	GURUGRAM
Designation	:	BIM ENGINEER

2) Company Name : **Intec infra-technologies Pvt. ltd.**
Period of work : MARCH 2016 to FEB. 2017.
Location : GURUGRAM
Designation : **MEP ENGINEER**

NATURE OF WORK:

- Responsibilities involved in Designing the MEPF Services and Standards as per requirements.
- Working experience in Transbay centres, Hospitals, Education Building, Retail, Infra structure, High raised mixed commercial Building.
- Coordination with other disciplines. Working knowledge in relevant modeling tools like with Revit, Navisworks
- Preparation of HVAC ,Electrical, plumbing models and prepare shop drawings.
- Releasing BOM (Bill of Material), as built drawings.
- PDF To CAD Conversion based on client requirements.(well versed in **AUTOCAD &REVIT**)
- Creating **REVIT** parametric families based on client requirements.
- Export NWC,DWG files and Prepare IFC drawings use of Revit software.
- **REVIT** 3D Coordination with MEP Services for clash checking and create viewpoints
- **Navisworks** for 3D Coordination for Clash checking.
- Prepare HVAC Model through Single line diagram in Revit.
- Working experience on **Trimble** and how to export and import Trimble points.
- Modification of MEPF Services Routing Preferences in the Revit.
- Checking commented drawings and incorporating them to suit clients requirements.

3) Company Name : **CADD Centre**
Period of work : MARCH 2015 to MARCH 2016.
Location : DELHI.
Designation : **MECH. Trainer**

NATURE OF WORK:

- **MECH. Trainer**-Learn and share the knowledge of BIM and other mechanical software's in front of students and professionals.
- Study & understand the foundation plans as per the structural and architectural drawings.
- Learn and Share the knowledge of the HVAC designs, scheduling of the ducts ,pipes and fittings and fire fighting design.
- Learn and understand and share the knowledge of the Parametric Revit family and export the files from Revit to dwg. and printing processes
- Preparing the plan and elevations as per the drawings using AutoCAD and REVIT
- Preparing the 3d Model of automobile parts in Catia and check the stress and dynamic analysis of the parts.
- Preparing the 3d Model of automobile parts in Catia and solid works and setup the assembly geometry for the components.

3 YEAR TOTAL WORKING EXPERIENCE:

- 2 Year (BIM-MEP Engineer).
- 1 Year (MECH. Trainer).

SOFTWARE KNOWLEDGE:

- AutoCAD 2d & 3d
- AutoCAD MEPF
- REVIT MEPF.
- REVIT Architecture, Structure.
- NAVISWORKS
- Bluebeam Revu
- Trimble
- Catia, Solid-Works, ANSYS Workbench.

PERSONAL DETAILS:

Father's Name	:	Naresh Kumar
D.O.B	:	08/09/1994
Sex	:	Male.
Marital Status	:	Single.
Permanent Address	:	Ward no-9 Kathua,(J&K)-184101
Present Address	:	Delhi NCR
Language Known	:	English, Hindi, Dogri. (Can Speak).

DECLARATION:

- I hereby declare that the above-mentioned information and particulars are true and correct to the best of my belief and knowledge.

Date:

Place: Delhi

(RAJAT BADYAL).