

SUMIT SATYAPRAKASH BHALGE

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Mechanical Engineer

(3 Yr Exp. In BIM MEP)

I worked with **Neilsoft Limited in BIM MEP Department** as a **Jr. Engineer**.

3 year of experience as a BIM Revit (MEP) modeler with in depth knowledge of mechanical engineering field. Seeking to work in a challenging environment and grow with the company to achieve its goal and get additional knowledge.

ACADEMIC CREDENTIALS

Class	University/ Board	Year Of Passing	Aggregate
B.E. MECHANICAL	Sant Gadge baba Amravati University.	2015-16	69.71 %
H.S.C.	Maharashtra State board	2011-12	60.33 %
S.S.C.	Maharashtra State board	2009-10	80.91 %
Design Engineer Course (CAD/CAM GURU)	CAD/CAM GURU PUNE	2016-17	71.33%

CURRENT CGPA: 8.08

STRENGTH:-

Ability to work with team & Technical approach, Patience, Good presentation skill , Good communication skill.

ACHIEVEMENT AND AWARDS:-

Certification of “MAHA IT GENIUS Etest AUTO-CAD ” 3rd Rank In District Level conducted by MKCL.

TECHNICAL SKILLS &KNOWLEDGE:

- **Auto CAD-** Layers, Block, Annotation, Attribute, Dynamic Block, Constrain,MEP Layout.
- **REVIT MEP** – MEP Modeling and Drafting.
- **Naviswork-** Clash coordination with MEP System, Generating Clash Report.
- **Solidworks-** Modeling, Assembly, Drafting.
- **Blue Beam-** Preparing Document.
- **BIM 360/BIM Documentations.**
- **DUCT SIZER**

PROFESSIONAL PROFILE:-

- Total 3 year experience in **REVIT BIM MEP Modeling**.
- Preparation of **Project SETUP in REVIT and CAD**.
- **HVAC modeling** in Revit from various inputs like **Auto Cad 2D Plan, IFC Drawings JPEG Images & Point Cloud data (Laser Scan)**.
- Excellent knowledge in Revit Linking, Workset, Interference checking, Collaboration, Project Browser, Scope Box, visibility Graphics, Filter, shared Parameter, view range, Object Style, Annotation, Drafting view, Legends & Tags.
- Preparation of Mechanical & Plumbing 3D&2D Drawing in Revit.
- Preparation of **Clash Report** through **NAVIS** Tool.
- Maintained the documents as per **Client standards**.
- Model Based Quantity takeoff from Revit.
- Drawing extraction from Revit with Annotation & Tagging for final submission.
- Creating customized **Revit families** as per client specification.
- Maintaining drawings softcopy & hard copy records for transferring the data to server on daily basis.
- **Preparing RFI's**.
- Preparing As built drawings.
- Preparation of schedule and sheet list.
- Preparing **modular Type Building** and Run the layout of HVAC System as a Manufacturing Point of View.
- Expert ability to understand design drawing from other engineering discipline
- Working on RED GREEN method of revit linking file by Overlay method through BLUE BEAM.

Major Project: - Preparing HVAC modeling for following Project.

Good experience on US & UK Side project, Sport Stadium, Metro station of Gulf countries, Residential Building, Modular type Building, currently work with **US Client in Resource Centre**.

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: Pune

Date: / /2020

SUMIT S. BHALGE