

# SREEJITH T.S

## BIM MEP ENGINEER

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### CAREER OBJECTIVE

To pursue a rewarding career with an organization that gives me an opportunity for displaying excellent technical abilities, taking on greater responsibilities, newer challenges, acquiring skills while providing an atmosphere for professional growth.

### EXPERIENCE

- **BIM ENGINEER**  
**FALCON GAS WORKS, ABU DHABI**  
NOVEMBER 2019- Still
- **BIM ENGINEER**  
**RAMTECH.LLC, UAE**  
AUGUST 2019- NOVEMBER 2019
- **BIM DRAINAGE SYSTEM ENGINEER**  
**BIMEX Engineers, KERALA, INDIA**  
January 2018- August 2019
- **CAD ENGINEER & MEP DESIGNER**  
**CADD CENTER, KERALA, INDIA**  
July 2017- December 2018

### MAJOR PROJECTS UNDERTAKEN

#### FALCON GAS WORKS, ABU DHABI

- **Project Name: OCEAN View Complex villas**

#### **Scope of Work- Architecture, Structure and MEP**

**Responsibilities:** - Arch & Structure Modeling, Walkthrough & Animation, Shop drawing, Material Quantity takeoff.

MEP Designing and sample modeling, MEP Coordination, Clash Detection reports, MEP BIM Modeling (Up to LOD 400), MEP Planning & Scheduling, RFI Documents. Arch & Structure Modeling, Walkthrough & Animation, Shop drawing, Material Quantity takeoff.

- **Project Name: MARSA AL ARAB JUMEIRAH, ATKINS**

#### **Scope of Work- Architecture**

**Responsibilities:** - Partition walls family creation, curtain walls and stud family creation, modelling and coordination LOD 400, BIM Execution & onsite shop drawing. Material quantity takeoff and

- **Project Name: MAKERS DISTRICT PIXEL APARTEMENTS, IMKAN**

**Scope of Work- MEP & BIM 360 DOCUMENTATION**

**Responsibilities:** - HVAC & Plumbing System modelling and coordination LOD 400, BIM Execution, Navisworks Clash Detection & MEP Coordination. BIM 360 document controlling and issue creation.

- **Project Name: Rove Hotel, TRINITY, EMAAR**

**Scope of Work- Architecture, Structure and MEP**

**Responsibilities:** - AS Built modelling as per site conditions (LOD500) MEP Coordination, Clash Detection reports, MEP BIM Modeling (Up to LOD 400), MEP Planning & Scheduling, RFI Documents, Walkthrough & Animation, Shop drawing, Material Quantity takeoff.

**RAMTECH.LLC DUBAI**

- **Project Name: Dubai Creek Tower Basement, IEMS DUBAI**

**Scope of Work- MEP**

**Responsibilities:** - HVAC Mechanical room modelling, BIM Execution, Navisworks Clash Detection & MEP Coordination

- **Project Name: Al- Mamzar Hotel, Dubai.**

**Scope of Work- Structure and MEP**

**Responsibilities:** - MEP BIM Modeling (up to LOD 350), Shaft coordination, Shop drawing, Navisworks clash detection & MEP coordination.

**BIMEX ENGINEERS, INDIA**

- **Project Name: New Township Project by State of Qatar, Qatar**  
**Scope of Work- Architecture, Structure and MEP**

**Responsibilities:** - MEP BIM Modelling (up to LOD 400), Shaft coordination, MEP Planning & Scheduling, Shop drawing, Material quantity takeoff, Navisworks clash detection & MEP coordination, Builders Work, Shaft Opening.

- **Project Name: Bryant Elementary School Project USA**

**Scope of Work- MEP**

**Responsibilities:** - Planning calculation, design and implementation of air conditioning systems including plant / outdoor units, Develop LOD 350 BIM for HVAC, Firefighting, water supply.

**Job Description:** coordinating projects with the client, Preparation of parametric 2D & 3D MEP family as per Specification & Catalogues, Model based tagging and purging Coordination as per the specification in the input, Co-ordinate MEP models, Extracting BOQ from the Revit model and check clashes with all the interfaces. RFI's rising, Sheets Creation, Schedules, creating clash reports using Navisworks and participation in clash resolve between different discipline.

- **CADD ENGINEER & MEP DESIGNER at CADD CENTER**

**Job Description:** Conducting class with high level professionalism, Research and improve knowledge. Manage students and parents.

**Software's Handled:** Revit, AutoCAD, QTO

## **TECHNICAL TRAININGS**

- PROFESSIONAL DIPLOMA in MEP Designing & Drafting.
- Diploma in Revit MEP & AutoCAD drafting

## **EDUCATIONAL CREDENTIALS**

- B-Tech in **MECHANICAL ENGINEERING** from Jai Bharath Eng. College ERNAKULAM, KERALA
- Course in **PROFESSIONAL DIPLOMA IN REVIT MEP** from UIT CADD CENTER, Thrissur

## **SOFTWARE SKILLS**

- REVIT
- AutoCAD
- NAVISWORKS MANAGE
- QTO
- BIM 360
- HAP
- Duct Sizer
- CG Lux
- MS Office365

## **KEY SKILLS**

- Strong proficiency in architectural and engineering drawing interpretation Excellent knowledge of plumbing firefighting and mechanical systems
- Have good understanding of ASHRAE, NFPA, BS standards and design guidelines
- Outstanding design skills for HVAC control and electrical power systems
- Superior abilities in HVAC equipment design& family creation
- High expertise in AutoCAD mechanical modelling software and Revit MEP
- Heat load calculation manually and using HAP
- Calculation of ventilation air requirements
- Electrical heat load calculation and load balancing
- Drainage and water supply pipe sizing
- External coordination of manholes
- Firefighting designing, sprinkler spacing and pipe scheduling.

**Place: ABU DHABI**

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