SUNEESHA

**MEP BIM ENGINEER**

Dubai, UAE

[E-mail:](mailto:suneeshasurendran93@gmail.com) [suneesha-394791@gulfjobseeker.com](mailto:suneesha-394791@gulfjobseeker.com)

Date of Birth: 03 June 1993 Nationality: Indian, Keralite Marital Status: Single

Visa Status: Cancelled Employment Visa (Available till 22 October 2019)

**PROFESSIONAL SUMMARY**

Experienced Building Professional with the ability to use Building Information Modelling (BIM) Technology, seeks full-time position which will utilize MEP BIM Technology and Building Design skills. Design Build Professional with a high interest and passion for residential and commercial Electrical & Fire-Fighting design, backed by over 5 years of experience working in the construction industry.

**SKILLS**

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| * Strong 3D skills (desirable to have Revit MEP/Revit Structure) * Good communication, interpersonal   and presentation skills   * Good English skills preferable * Excellent Navisworks skills * Good time management skills and commitment to meet deadlines * Good organisational and   interpersonal skills and ability to work well under pressure   * Considerable experience of   (Electrical/HVAC/Firefighting/ structural) engineering drafting/modelling | * Demonstrates experience in the implementation and training of Revit in Engineering and Construction environment * Proactive approach to learn and   develop new skills, especially BIM implementation   * Have high level of drawing / detailing experience authoring drawings for construction or shop drawing submission * Applying skills in computer based   applications & design tools   * Engineering team support * Design engineering * Autodesk Certified Professional |

**WORK HISTORY**

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| 05/2018 to 09/2019 | **BIM ENGINEER**  **Construction company**– DUBAI, UAE   * Performed as BIM Engineer for Burj Khalifa Residence Area High Rise Building ‘The Address Residence Dubai Opera – A2, A3 & A4 Residential' * Model self-perform concrete and detailed structural models and drawings based on   construction documents, specifications, product submittals, RFI's, and shop |

drawings

* Export DWF and other formats for collaboration internally and externally
* Leveraging BIM software and tools as a methodology to coordinate design documentation
* Identify constructability issues, missing information, and notify the project team of

these issues and RFI's that need to be written

* Interpretation of engineers' sketches and technical specifications to ensure coordination of specifications and drawings
* Experience in the use of Revit Structural, Navisworks Manage
* BIM Modelling for specific design discipline
* Work under direction of design professional and BIM Manager
* Ensure construction documents accuracy based on Structural BIM Modelling

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| 10/2016 to 03/2018 | **ELECTRICAL BIM ENGINEER (Gold Line Metro)**  DOHA, QATAR   * Worked Under ALYSJ JV for the Gold Line Metro underground Project * Preparation of the HVAC SERVICE of Stations, Switch Box and Tunnels with Coordination in Revit * Coordination of Substations, Electrical Rooms, SCADA Rooms, Signalling Rooms, Telecom Rooms, TPS & SPS Rooms as per Kahramaa * Coordination of all Electrical Related Equipment & Containment * Coordination between MV, LV ELV Services to Maintain the Standards & Provide Safety Environment * Clash Report based on the work using Navisworks Manage Software * MEP Design Co-ordination with Architectural, Structural & Other Discipline regarding projects * Exporting DWG, DWF, NWC, NWD, IFC Models for the data integrations * Assist with BIM Project setup including template formation * Prepare Bill of materials/Quantity Take off on the Shop Drawings and Coordination for MEP Services * Preparation of shop drawings, performing QC in shop drawings * Ensure construction documents accuracy based on Electrical BIM Modelling * Compliance, Revisions and Consultants follow-up * Collaborate and Coordinate with other disciplines design-changes and model challenges * Adhere to BIM Execution Plan and BIM project workflow criteria * Print drawing sets for professional team and participate in discipline reviews |

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| 09/2016 to 10/2016 | **Revit MEP Trainer**  COCHI, KERALA, INDIA   * Periodically assess students progress create and offer individualized instruction where required * Developed an idea of Creating New BIM Projects in Various Disciplines * Developed an idea of Clash Detection, Creating Viewpoints in Navisworks Manage |

* Design & Modelling ideas Using AutoCAD MEP 2014, Revit MEP 2016 & Navisworks Manage
* Has taken Idea for Exporting to Various Supporting Format (DWG,DWF,NWC &IFC), Creating View Templates, Filters & Linking Different Files in Revit

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| 01/2015 to 08/2016 | **Electrical Design/BIM Engineer** COCHI, KERALA   * Working as a Team leader (BIM-MEP/ MEP Design) handling foreign Projects especially from Middle East & United States of America * Learned how to start MEP project * Handled Electrical, HVAC &Fire Fighting * Able to perform DIALux & Heat load calculation * Selection of Equipment, Fire Fighting requirements, Fire Alarm Requirements & calculations * Development of Panel Schedule, Load Calculation, Estimation & Preparation of   Schematic Diagrams   * Working on software tools such as Autodesk Revit MEP, AutoCAD & Navisworks Manage * Drafting using AutoCAD & Modelling using Revit MEP * Clash Detection, Coordination, RFI rising using Viewpoints in Navisworks Manage * Coordination of all MEP services * Creating & Exporting Schedules Using Revit MEP * HVAC Design using Career HAP, Preparation of HVAC drawings * Referring IPC, ASHRAE, NFPA for the outsourcing projects * Reading MEP Drawings Plan, Typical, Detail and schematic drawings * Creating worksets and central model of the project * Preparing Electrical, Fire protection & HVAC layout from hand mark-ups provided by the client * Rising various RFI for smooth flow of project |

**EDUCATION**

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| 04/2014 | **Bachelor of Technology**: **Electrical & Electronics Engineering**  **Cochin University of Science and Technology** - Kochi, KL |

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| 11/2014 | **Diploma**: **MEP & Fire-Fighting Designing And Modelling**  **Aghora Design Academy** - Kochi, KL |

**CERTIFICATIONS**

* Autodesk Certified Professional in Revit MEP 2015. (Credential ID : 00448333)
* Autodesk Certified Professional in Autocad MEP 2014 (Credential ID : 1JTGADJJ43)
* Diploma In Electrical & Fire-Fighting Design

**SOFTWARE SKILL**

* Revit MEP (2013/2014/2015/2016/2017)
* Revit Structural (2019)
* Autocad 2D (2013/2014/2018)
* Navisworks Manage (2014/2015/2016)
* DIALux 4.10
* HAP
* McQuay duct and pipe sizer
* Matlab
* Scilab
* Lab View

**IT & COMPUTER LITERATURE**

* Window & OS
* MS Office Proficiency
* Aconex
* Email & Internet
* C & C++

**DECLARATION**

I hereby assure that the above information furnished by me is true & correct to the best of my knowledge. I hope that the above-mentioned particulars will meet your requirements and if given a chance to prove myself, I assure you that I will do the best to fulfil company's adjectives.

**REFERENCES**

References would be provided on request/demand.