



# RAJESHKUMAR MUTHUKRISHNAN

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## Objective

Strongly driven and committed Versatile bim modeler with a track record of outstanding achievement at the individual, team, and organizational levels. Capable of multitasking and prioritizing workloads under supervision. Capable of functioning under pressure and adjusting to new situations and obstacles.

## Skills

Revit   Autocad   Navisworks   Fan Tech   Ms Office

## Education

### CHETTIND COLLEGE OF ENGINEERING & TECHNOLOGY

B.E.MECHANICAL ENGINEERING - 8.05 CGPA

2022 PASSED OUT

### BHARATHI HIGHER SECONDARY SCHOOL

12th Grade - 63%

2018 PASSED OUT

## Experience

### Pinnacle infotech solutions

Senior Engineer

AUG 2022 - PRESENT

- Performed clash detection studies to identify potential conflicts between different disciplines in the project
- Optimized existing Revit templates by incorporating best practices related to standards management and content creation
- Utilized cloud-based collaboration platforms such as BIM 360 Glue and Field to share models among team members located around the world
- Collaborated with architects, engineers, and other stakeholders to ensure accuracy of BIM models
- Created detailed drawings, schematics, and diagrams to support design efforts
- Implemented automated workflows based on customer requirements utilizing Autodesk products such as Navisworks Manage or Forge APIs.

## Work Profile

- ✓ Preparation of various mechanical and electrical 2D & 3D shop drawing for the below listed project.
- ✓ Motivating the team members and ensuring timely completion of various scheduled activities.
- ✓ Modelling of HVAC, DRAINAGE & ELECTRICAL.
- ✓ Collaborating with other disciplines to meet project requirements.
- ✓ Ensuring the models are accurate for all MEP Drawings.
- ✓ Using the models to identify and resolve conflicts or issues during the

## Projects

### \* CR07,CP02 (METRO STATION),SINGAPORE

3D Modelling of HVAC, HVAC basic design and 2D shop drawing.

### \* 4,BRANDON ROAD,UNITED KINGDOM

Developing of 3D modelling of HVAC, Plumbing and 2D Shop Drawing of HVAC & Drainage as per client input based on stage 3

### \* CR06 (Metro station), SINGAPORE

3D Modelling of HVAC and 2D shop drawing.

### \* 5-10,BRANDON ROAD,UNITED KINGDOM

Developing the 3D modelling of HVAC,Electrical and MEP Shop Drawing as per the client input based on Stage 4

### \* DUKES AVENUE,UNITED KINGDOM

3D modeling of small power, family creation,fire alarm, lighting and shop drawing

### \* ISG PROJECT,GERMANY

HVAC Modelling as per IFC file

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**Roles and  
Responsibilities**

- ✓ Preparing Standard drawings for all type of buildings like Residential,Commercial & Industrial.
- ✓ Prepare family creation as per IFC.
- ✓ Clash detection & Producing Clash report with help of Naviswork.
- ✓ Responsible in development of as built structure document creation and maintenance.
- ✓ Quality in checking.
- ✓ Identify constructability issues, missing information and notify the project teams and RFI's to be written

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**Language**

Tamil    Engilsh

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**Disclaimer**

I swear that, to the best of my knowledge and belief, the information provided above is accurate. If allowed to show you my capabilities, I hope that the information I handed over will suffice to suit your needs.