

RAMESH T

AUTOCAD & REVIT DRAFTSMAN

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SUMMARY

Motivated engineering graduate with hands-on experience in AutoCAD and Autodesk Revit (Architecture, Structure, and MEP), focused on BIM-based design and drafting. Skilled in 2D layouts, 3D modeling, clash detection using Navisworks, and quantity takeoff. Eager to contribute to real-world projects while enhancing expertise in BIM coordination and MEP systems.

TECHNICAL SKILLS

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| • AutoCAD 2D & 3D | • Autodesk Revit (Architecture, Structure & MEP) | • SketchUp Pro |
| • BIM Modeling & Coordination | • Navisworks Manage | • Construction Documentation |
| • V-Ray Rendering | • Quantity Take Off | |

PROJECTS EXPERIENCE

Commercial Mall BIM Project

- Modeled multi-storey mall t in Revit (Architecture, Structure, MEP).
- Prepared 2D plans, 3D models, and MEP layouts (electrical & plumbing).
- Conducted clash detection using Navisworks and generated quantity takeoff.

Commercial Building BIM Project

- Modeled commercial building in Revit (Architecture, Structure, MEP).
- Prepared 2D drawings, 3D models, and MEP layouts.
- Performed clash detection using Navisworks and generated quantity takeoff.

EDUCATION

Bachelor of Engineering

Nov 2021 - April 2025

Mount Zion College of Engineering and Technology

- First Class with 7.30 CGPA.

Higher Secondary

Jun 2020 - May 2021

St.Joseph Matriculation Higher Secondary School

- completed with 79.70% Percentage.

CERTIFICATION

- **Master Course in Building Information Modeling** (BIM) AutoCAD, Revit Architecture , SketchUp Pro , Revit Structure , Quantity TakeOff , Revit (MEP) and NavisWorks

ADDITIONAL INFORMATION

- **Languages:** English, Tamil.
- **Interests:** Building Information Modeling (BIM) and Construction Technology.
- 3D Modeling and Architectural Visualization and Learning New Design Tools and Software.
- Exploring MEP Systems and Building Services and Continuous Skill Development in Engineering Design.