

Senior CAD Technician with 9+ years of advanced experience developing complex 2D/3D models and detailed construction drawings for mechanical, civil, and architectural projects. Specialized in creating, reviewing, and optimizing CAD standards, templates, and workflows to improve drafting accuracy and production efficiency. Proficient in AutoCAD, Revit, and SolidWorks with strong capabilities in clash detection, design coordination, BIM integration, and technical documentation. Known for delivering highly accurate drawings, resolving design issues proactively, and supporting engineers and project teams throughout all project phases

CORE COMPETENCIES

2D & 3D CAD Drafting (AutoCAD, Revit, SolidWorks)	Engineering Standards & Compliance Bill of Materials & Specification Preparation	Collaboration with Engineers, Architects & Project Teams Layout & Detailing for Manufacturing / Construction
Technical Drawing & Design Documentation Architectural, Mechanical, & Civil Drafting	Drawing Quality Control & Accuracy Design Coordination & Revision Management	Digital File Management & Version Control

PROFESSIONAL EXPERIENCE

MYTHRA CONSTRUCTIONS
Role: Lead CAD Technician

June 2018 – August 2025
Location: Hyderabad, India

- Lead the production of precise 2D and 3D CAD models for mechanical, civil, and architectural projects.
- Supervised and mentored junior CAD technicians to maintain drafting accuracy and workflow consistency.
- Collaborate with engineers, architects, and project managers to convert design requirements into detailed technical drawings.
- Reviewed, validated, and approved drawings to ensure adherence to industry standards, codes, and project specifications.
- Managed revisions, version control, and digital drawing files using structured documentation practices to ensure efficient workflow and accurate results.
- Prepared technical documentation, including material takeoffs, specifications, and assembly details.
- Coordinated with project stakeholders to resolve design issues and improve drafting processes.
- Performed quality checks to verify drawing accuracy, completeness, and constructability.
- Provide design inputs for cost estimation, scheduling, and project planning activities.
- Develop, implement, and maintain CAD standards, templates, and best practices across project teams.

ACE ENGINEERING COLLEGE
Role: Lab Support Technician
India

May 2015 – April 2018
Location: Hyderabad,

- Provided technical assistance to students and faculty using CAD applications, including AutoCAD, SolidWorks, and Revit.
- Managed and maintained CAD lab computers, peripherals, and drafting equipment to ensure continuous functionality.
- Installed, configured, and updated CAD software, plugins, and license files according to academic requirements.
- Prepared lab systems each semester by deploying software images, optimizing settings, and validating workstation performance.
- Troubleshoot and resolved hardware, software, and network issues to minimize downtime and maintain reliable lab operations.

PROJECTS & CERTIFICATIONS

- Structural Modeling & Detailing of Concrete Mix Design Setup**
Developed detailed 2D drawings and 3D models of concrete mix design equipment and testing setups using AutoCAD, ensuring accurate dimensions, layout clarity, and compliance with drafting standards.

- **Stabilization of Soil Using Eggshell and Quarry Dust Powder**
Investigated soil strength and stability enhancement through eco-friendly stabilizers using eggshell and quarry dust powder.

TOOLS

AutoCAD, AutoCAD Civil 3D, Revit, SolidWorks, SketchUp

EDUCATION

- Master’s in Structural Engineering - GATE, Hyderabad(August 2018 - May 2020)
- Bachelor’s in Civil Engineering - Ace Engineering College, Hyderabad (June 2014 - May 2018)