

# HEVIN GADHIYA

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Millwork Engineer | CAD & CNC Specialist

Email: hevingadhiya12@gmail.com

Mobile: +91 74330 03576

## Summary

Detail-oriented and highly skilled Millwork Engineer with 5+ years of experience in producing high-quality shop drawings for residential, commercial, and hospitality projects. Proficient in AutoCAD 2D, millwork joinery detailing, and architectural coordination. Adept at interpreting specifications, ensuring production-ready documentation, and maintaining consistent communication with architects, designers, and contractors.

## Skills

Tools & Software: AutoCAD, Inventor, SolidWorks, Microsoft Excel, PDF Markup Tools, Cabinet Vision

- CAD Software: AutoCAD, Revit, SolidWorks
- CNC Programming: G-Code, CNC Routing, Edge Banding
- Woodworking Techniques: Joinery, Milling, Routing, Turning
- Material Knowledge: Wood types, Finishing materials, Sustainable sourcing
- Structural Calculations: Load distribution, Material strength
- Manufacturing: Lean Manufacturing, Robotics in Millwork
- Project Management: Budgeting, Time management, Client communication
- Building Codes: Code compliance, Quality assurance
- 3D Visualization: Virtual prototyping, Simulations
- Problem Solving: Design optimization, Troubleshooting

## Education

Bachelor of Engineering (Mechanical Engineering)

L.D. College of Engineering, Gujarat, India

2016 – 2020

## Projects

Project Name	Role	Responsibilities
AutoCAD – Commercial Office Renovation	Lead Millwork Engineer	<p>Designed millwork elements, collaborated with stakeholders, ensured quality production.</p> <p>Designed detailed millwork elements, including reception desks and custom cabinetry, for a large-scale commercial office renovation using AutoCAD.</p> <p>Collaborated closely with architects, contractors, and interior designers to ensure designs met project specifications and client requirements.</p> <p>Oversaw the production process to ensure quality, accuracy, and timely installation.</p>
SolidWorks – Reception Area Design & Production Drawings	Millwork Engineer	<p>Created detailed production drawings for custom reception areas using SolidWorks, including 3D modeling and exploded views.</p> <p>Delivered comprehensive drawings showing all components and parts, with detailed dimensions for fabrication and assembly.</p> <p>Provided clear 3D renderings and exploded views to guide production teams and ensure accurate execution during manufacturing.</p>
CNC Programming – Custom Cabinetry Production	CNC Programmer / Millwork Engineer	<p>Programmed CNC machines for the production of custom cabinetry components, including panels and frames, using AutoCAD for design optimization.</p> <p>Focused on reducing material waste by optimizing panel cuts and production workflows.</p>