

# Aisha Patel

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## SUMMARY

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Detail-oriented CAD Designer with over 5 years of experience in creating accurate and efficient 2D and 3D models for various engineering projects. Strong background in collaborating with cross-functional teams to deliver innovative design solutions that meet client requirements.

## EXPERIENCE

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### Senior CAD Designer

Jan 2022 - Present

*Innovative Engineering Solutions, Austin, TX*

- Led the design team in a project that reduced production costs by 15%, saving the company \$200K annually.
- Developed and optimized 3D models using SolidWorks, resulting in a 25% decrease in design time.
- Collaborated with product managers to produce over 50 detailed technical drawings to support manufacturing.

### CAD Designer

Jun 2018 - Dec 2021

*Tech Design Group, Dallas, TX*

- Created detailed CAD models for custom machinery, leading to a 30% improvement in client satisfaction ratings.
- Implemented new CAD software tools that enhanced team productivity by 20% through streamlined workflows.
- Assisted in training junior designers on CAD best practices, improving team efficiency.

### Junior CAD Designer

Aug 2015 - May 2018

*Precision Manufacturing Inc., Houston, TX*

- Supported senior designers in producing high-quality CAD drawings, contributing to a project that won 'Best Design' award.
- Reduced revision time by 15% by implementing a checklist system for quality assurance.
- Gained experience working with AutoCAD and Revit on various architectural projects.

## EDUCATION

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### Bachelor of Science in Mechanical Engineering

May 2018

*University of Texas at Austin, Austin, TX • GPA: 3.7*

## SKILLS

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**Technical Skills:** 3D Modeling, Technical Drawing, Assembly Design, Finite Element Analysis

**Tools & Frameworks:** AutoCAD, SolidWorks, Revit, CATIA