

Aisha Patel

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SUMMARY

Detail-oriented and innovative CAD Designer with a strong foundation in mechanical design and drafting. Proficient in various CAD software, with a passion for creating precise technical drawings and contributing to team projects.

EXPERIENCE

CAD Intern

Jun 2022 - Present

XYZ Engineering Solutions, Houston, TX

- Assisted in the design of mechanical components, resulting in a 20% reduction in manufacturing costs through efficient design practices.
- Created and modified 2D and 3D CAD models using AutoCAD and SolidWorks, improving project turnaround time by 15%.
- Collaborated with senior designers on a project that successfully reduced assembly time by 10 hours per unit.

Design Assistant

Jan 2021 - May 2022

ABC Manufacturing, Houston, TX

- Supported the engineering team in producing detailed blueprints and CAD drawings, contributing to a successful product launch.
- Utilized Autodesk Inventor to streamline design processes, which led to a 30% increase in productivity during peak project phases.
- Conducted quality control checks on design outputs, ensuring 100% compliance with client specifications.

Freelance CAD Designer

Aug 2019 - Dec 2020

Self-Employed, Remote

- Developed custom CAD designs for local clients, achieving a 95% customer satisfaction rating.
- Implemented client feedback into design modifications, which improved project completion rates by 25%.
- Managed multiple projects simultaneously, demonstrating strong organizational and time management skills.

EDUCATION

Bachelor of Science in Mechanical Engineering

May 2018

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

SKILLS

Technical Skills: AutoCAD, SolidWorks, Drafting Techniques, 3D Modeling

Tools & Frameworks: Autodesk Inventor, Revit, MATLAB