

# Aisha Patel

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## SUMMARY

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Detail-oriented and motivated engineering technician with a strong foundation in mechanical and electrical systems. Proven track record in supporting various engineering projects, optimizing processes, and enhancing product quality through technical expertise and teamwork.

## EXPERIENCE

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### Engineering Intern

Jan 2022 - Present

*Tech Innovators Inc., San Diego, CA*

- Assisted in the design and testing of a new product line, resulting in a 15% reduction in production costs.
- Implemented a quality control process that improved defect rates by 20%, increasing customer satisfaction.
- Collaborated with engineers to troubleshoot and resolve technical issues in prototypes using CAD software.

### Laboratory Technician

Jun 2020 - Dec 2021

*Engineering Solutions Ltd., Los Angeles, CA*

- Conducted experiments and documented findings, contributing to 3 successful product improvements.
- Utilized analytical software to analyze test data, reducing error margins by 10%.
- Coordinated equipment maintenance schedules, resulting in a 25% decrease in downtime.

### Junior Engineering Assistant

May 2019 - May 2020

*GreenTech Innovations, Irvine, CA*

- Supported engineering teams by preparing technical documentation, which enhanced project communication.
- Assisted in the development of sustainable technologies that saved the company an estimated \$50,000 annually.
- Engaged in hands-on assembly and testing of prototypes, gaining valuable experience in troubleshooting.

## EDUCATION

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### Bachelor of Science in Mechanical Engineering

May 2018

*University of California, San Diego, La Jolla, CA • GPA: 3.7*

## SKILLS

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**Technical Skills:** Mechanical Design, Electrical Systems, Quality Assurance, Data Analysis

**Tools & Frameworks:** AutoCAD, MATLAB, SolidWorks, LabVIEW