

# Aisha Patel

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## SUMMARY

Detail-oriented Electrical Engineer with over 5 years of experience in power systems design and implementation. Proven track record of improving system efficiency and reducing project costs through innovative engineering solutions.

## EXPERIENCE

### Electrical Engineer II

Jan 2022 - Present

*GreenTech Innovations, San Jose, CA*

- Led a team of engineers to develop a smart grid project that reduced energy consumption by 20%, saving the company \$200,000 annually.
- Designed and implemented a new power distribution system that improved load balancing, decreasing downtime by 15%.
- Utilized AutoCAD and MATLAB for designing and modeling electrical systems.

### Electrical Engineer I

Jun 2018 - Dec 2021

*Modern Power Solutions, San Francisco, CA*

- Assisted in the design of a renewable energy project that generated 50 MW of power, contributing to a 10% increase in renewable sources for the region.
- Collaborated with cross-functional teams to ensure project milestones were met on time and under budget by 12%.
- Conducted testing using LabVIEW and MATLAB to enhance system reliability and performance.

### Electrical Engineering Intern

May 2017 - May 2018

*Innovative Electricals Corp., Los Angeles, CA*

- Assisted in the prototype development of an energy-efficient lighting system that reduced energy usage by 30%.
- Performed data analysis for project reports leading to improved project presentations and stakeholder engagement.
- Gained hands-on experience with circuit design and testing.

## EDUCATION

### Bachelor of Science in Electrical Engineering

May 2018

*University of California, Berkeley, Berkeley, CA • GPA: 3.7*

## SKILLS

**Technical Skills:** Power Systems Design, Circuit Analysis, Signal Processing, Renewable Energy Systems

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