

Jamal Patel

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SUMMARY

Detail-oriented and motivated graduate with a Bachelor of Science in Mechanical Engineering and hands-on experience in power plant operations. Strong understanding of energy systems and a commitment to maximizing efficiency and safety in plant operations.

EXPERIENCE

Power Plant Intern

Jun 2022 - Aug 2022

Green Energy Solutions, Phoenix, AZ

- Assisted in the monitoring and maintenance of plant equipment, contributing to a 10% reduction in downtime.
- Participated in safety audits, improving compliance rates by 15%.
- Gained hands-on experience with SCADA systems and real-time data analysis.

Maintenance Technician

Jan 2020 - May 2022

ABC Manufacturing, Phoenix, AZ

- Performed routine inspections and maintenance on machinery, achieving a 20% increase in operational efficiency.
- Collaborated with engineering teams to troubleshoot equipment failures, reducing repair time by 25%.
- Documented technical processes to streamline maintenance procedures, enhancing training for new staff.

Engineering Assistant

Jan 2019 - Dec 2019

XYZ Engineering Solutions, Phoenix, AZ

- Supported engineering projects related to energy efficiency, leading to a projected savings of \$50,000 annually.
- Coordinated with project managers to ensure timely completion of tasks, improving project delivery timelines by 30%.
- Utilized CAD software to assist in the design and layout of energy systems.

EDUCATION

Bachelor of Science in Mechanical Engineering

May 2018

Arizona State University, Tempe, AZ • GPA: 3.7

SKILLS

Technical Skills: Power Plant Operations, SCADA Systems, Mechanical Maintenance, Data Analysis

Tools & Frameworks: AutoCAD, MATLAB, Microsoft Office Suite