

Aisha Patel

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SUMMARY

Detail-oriented Drilling Engineer with over 5 years of experience in optimizing drilling operations and reducing costs. Proven track record in implementing innovative drilling solutions that enhance efficiency and safety on-site.

EXPERIENCE

Senior Drilling Engineer

Jan 2022 - Present

Energy Solutions Inc., Houston, TX

- Led a team that reduced drilling costs by 15%, saving the company \$2.5 million annually.
- Implemented advanced drilling techniques that improved rate of penetration (ROP) by 20%.
- Managed the transition to automated drilling systems, increasing operational efficiency by 30%.

Drilling Engineer

Jun 2018 - Dec 2021

DrillTech Ltd., Midland, TX

- Designed drilling programs that successfully reduced non-productive time (NPT) by 25%.
- Collaborated with cross-functional teams to enhance safety protocols, resulting in zero incidents over two years.
- Utilized data analytics to optimize drilling parameters, increasing overall project success rate by 18%.

Junior Drilling Engineer

May 2016 - May 2018

Petro-Engineering Corp., San Antonio, TX

- Assisted in the development of drilling plans for onshore and offshore projects.
- Conducted risk assessments that led to a 10% reduction in operational risks.
- Participated in the training of new engineers on drilling methodologies and safety practices.

EDUCATION

Bachelor of Science in Petroleum Engineering

May 2016

University of Texas at Austin, Austin, TX • GPA: 3.6

SKILLS

Technical Skills: Drilling Operations, Well Design, Project Management, Data Analysis

Tools & Frameworks: AutoCAD, Petrel, OpenWells, MS Project