

Amina Khan

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SUMMARY

Results-driven Petroleum Engineer with over 5 years of experience in reservoir management and production optimization. Proven track record of reducing operational costs and increasing efficiency through innovative engineering solutions.

EXPERIENCE

Senior Petroleum Engineer

Jan 2022 - Present

Energy Solutions Inc., Houston, TX

- Led a team to optimize drilling operations, reducing costs by 15% and increasing production efficiency by 20%.
- Developed reservoir models using advanced simulation techniques, resulting in a 30% increase in recoverable reserves.
- Implemented new hydraulic fracturing techniques that improved well performance by 25%.

Petroleum Engineer

May 2018 - Dec 2021

Global Oil & Gas, San Antonio, TX

- Conducted comprehensive field studies and data analysis, leading to a \$500,000 annual savings in production costs.
- Collaborated with cross-functional teams to enhance drilling strategies, increasing drilling speed by 18%.
- Utilized software tools such as Schlumberger Petrel and Eclipse for reservoir simulations.

Junior Petroleum Engineer

Jun 2016 - Apr 2018

PetroTech Services, Austin, TX

- Assisted in the development of enhanced oil recovery (EOR) projects that contributed to a 12% boost in oil output.
- Participated in the redesign of production processes that cut downtime by 10%.
- Gained hands-on experience with drilling and production optimization techniques.

EDUCATION

Bachelor of Science in Petroleum Engineering

May 2018

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

SKILLS

Technical Skills: Reservoir Engineering, Production Optimization, Hydraulic Fracturing, Enhanced Oil Recovery

Tools & Frameworks: Schlumberger Petrel, Eclipse, MATLAB, AutoCAD