

Jamal Patel

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SUMMARY

Experienced Senior Chemical Plant Operator with over 8 years in high-volume production environments. Proven track record of optimizing processes and improving plant safety and efficiency through innovative solutions and teamwork.

EXPERIENCE

Senior Chemical Plant Operator

Jan 2022 - Present

ChemTech Solutions, Houston, TX

- Led a process optimization project that increased production output by 20%, generating an additional \$150,000 in annual revenue.
- Implemented safety protocols that reduced incident rates by 30%, enhancing workplace safety and compliance.
- Trained and mentored junior operators on operational best practices and safety standards.

Chemical Plant Operator

May 2018 - Dec 2021

GreenField Chemicals, Baton Rouge, LA

- Monitored and controlled chemical processes, achieving a 15% decrease in waste production through process adjustments.
- Worked collaboratively with engineering teams on equipment upgrades that improved efficiency by 25%.
- Maintained documentation and records that ensured regulatory compliance and supported successful inspections.

Junior Chemical Operator

Jun 2015 - Apr 2018

PureChem Industries, New Orleans, LA

- Assisted in the operation of distillation and extraction processes, contributing to a 10% reduction in cycle time.
- Participated in root cause analysis teams that identified and resolved operational issues, improving uptime by 12%.
- Conducted routine equipment maintenance, which extended the lifespan of key machinery by 15%.

EDUCATION

Bachelor of Science in Chemical Engineering

May 2018

Louisiana State University, Baton Rouge, LA • GPA: 3.7

SKILLS

Technical Skills: Process Control Systems, Safety Management Systems, Chemical Analysis, Troubleshooting Techniques

Tools & Frameworks: SCADA Systems, HMI Software, PLC Programming, Lean Manufacturing