

# Shiela Schreier

Commissioning Engineer

## Profile

A dedicated Commissioning Engineer with 5 years of experience in designing, implementing, and optimizing control systems for various industries. Adept at managing projects from conception to completion, ensuring compliance with industry standards, and providing technical support to stakeholders. Demonstrated success in improving system performance, reducing downtime, and enhancing operational efficiency. Strong analytical, problem-solving, and communication skills, with a proven ability to collaborate effectively in cross-functional teams.

## Employment History

### Commissioning Engineer at Jacobs Engineering Group Inc., TN

Apr 2023 - Present

- Successfully commissioned a \$50 million industrial plant upgrade project, resulting in a 20% increase in production capacity and a 15% reduction in energy consumption.
- Led a team of 10 engineers in the commissioning of a new \$100 million wastewater treatment facility, which now processes over 500,000 gallons of water daily, improving the region's water quality and meeting stringent environmental regulations.
- Developed and implemented a comprehensive commissioning plan for a \$75 million chemical processing plant expansion, ensuring all systems were integrated and functioning at peak efficiency, and completed the project 3 weeks ahead of schedule.
- Identified and resolved over 200 critical issues during the commissioning phase of a \$30 million HVAC system upgrade for a large commercial building, resulting in a 25% improvement in energy efficiency and a 10% reduction in maintenance costs.

### Assistant Commissioning Engineer at Burns & McDonnell, TN

Aug 2018 - Feb 2023

- Successfully managed the commissioning of a \$50 million industrial facility, ensuring project completion within budget, and 10% ahead of the schedule, resulting in a 15% reduction in overall project costs.
- Implemented an innovative testing procedure for control systems integration, leading to a 25% reduction in commissioning time and a 5% increase in system efficiency for three major projects.
- Developed and conducted training programs for over 100 staff members on commissioning best practices and safety protocols, leading to a 30% reduction in safety incidents and a 20% improvement in overall team performance.

## Education

### Bachelor of Engineering in Electrical and Electronics Engineering at University of Tennessee, Knoxville, TN

Aug 2014 - May 2018

Relevant Coursework: Circuit Analysis, Control Systems, Signal Processing, Power Electronics, Digital Electronics, Microprocessors,

## Details

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## Links

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## Skills

AutoCAD

PLC programming

SCADA systems

HVAC design

BIM modeling

Electrical schematics

P&ID development

## Languages

English

Russian

## Hobbies

Model building

Circuit design and prototyping

Robotics and automation projects