

Searra Kapella

Senior Process Engineer

Profile

I am a Senior Process Engineer with over 5 years of experience in designing, developing, and managing technical processes. I have extensive knowledge in process flow analysis and optimization, as well as root cause analysis and troubleshooting. I am adept at identifying potential areas for improvement and recommend solutions that save time or money while ensuring quality standards are met or exceeded. My interpersonal skills allow me to effectively communicate with team members at all levels, customers, management & vendors alike.

Employment History

Senior Process Engineer at Toyota, KY

May 2022 - Present

- Streamlined the production process of X product, increasing output by 20% while reducing waste by 15%.
- Implemented new quality control procedures that decreased customer complaints by 25%.
- Led a cross-functional team in developing and implementing a new manufacturing process for Y product. The new process reduced production costs by 10%.
- Trained and developed 5 junior engineers, 2 of whom were promoted to senior engineer within 1 year.
- Revised the standard operating procedures for Z department, resulting in a 30% decrease in safety incidents.

Process Engineer at GE, KY

Sep 2017 - Apr 2022

- Led the design and implementation of a new manufacturing process that increased production by 25% while reducing waste and cost by 15%.
- Developed and implemented a new Quality Control system that reduced customer complaints by 75%.
- Led a team of engineers in developing a new product prototype which was successfully launched into the market, increasing company sales by 10%.
- Trained other engineers in advanced statistical methods for quality improvement, resulting in departments-wide increase in productivity.
- Authored several white papers on manufacturing processes which were well received within the industry.

Education

Bachelor of Science in Chemical Engineering at University of Kentucky

Sep 2012 - May 2017

I've learned how to design and operate chemical processes and how to optimize them for maximum efficiency.

Details

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Links

[linkedin.com/in/searrakapella](https://www.linkedin.com/in/searrakapella)

Skills

Process engineering

Chemical engineering

Project management

Process optimization

Six Sigma

Lean manufacturing

Kaizen

Languages

English

Portuguese

Hobbies

Biking

Hiking

Tennis