

KOVARASAN S

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ENGINEER

2/220 , Sivan kovil street Sivapuram , Sakkottai (P.O) ,
Kumbakonam (Taluk) , Thanjavur (Dist.,) , TamilNadu - 612401

WORK SUMMARY :

INDUSTRIAL ENGINEER

- Dynamic Industrial Engineer with expertise in process optimization, Lean methodologies, and project management. Skilled in data analysis and continuous improvement to enhance operational efficiency. Ability to collaborate with cross-functional teams and drive quality enhancements.

PRODUCTION

- Detail-oriented and results-driven professional with [1 years/5 months] of experience in the production industry. Optimizing manufacturing processes, improving efficiency, and ensuring quality standards.

EXPERIENCE :

2024 – present

STOVE KRAFT LTD., – HAROHALLI INDUSTRIAL AREA (BANGLORE)

Industrial Engineering

- Conducted time and motion studies to identify bottlenecks and propose solutions for process optimization.
- Collaborated with cross-functional teams to develop and implement quality control procedures, resulting in [reduced manpower & increase the output].
- Utilized Six Sigma methodologies to analyze data and drive process improvements.
- Prepared technical reports and presentations to communicate findings and recommendations to management.

Key Achievements

- Reduced manufacturing cycle time by [40%] through the implementation of optimized work methods.
- Streamlined production scheduling processes, resulting in improved on-time delivery performance.
- On time routing based on bottle neck operation in SAP.
- Cost center and work center creation as process.
- Plant layout (Auto CAD) and process display board.

31/2022 – 10/2023

STOVE KRAFT LTD., – HAROHALLI INDUSTRIAL AREA (BANGLORE)

GET (Production)

- Assisted production team in daily manufacturing operations, gaining hands-on experience in assembly, quality control, and inventory management.
- Supported senior production staff in troubleshooting equipment issues and implementing corrective actions.
- Maintained detailed production records and reports, ensuring accuracy and compliance with quality standards.
- Actively participated in safety meetings and adhered to company safety protocols to ensure a safe working environment.
- CNC programming and machine maintenance.

EDUCATION :

2019 – 2022

NETTUR TECHNICAL TRAINING FOUNDATION – TRICHY

CGPA 8.59

Diploma in Mechatronics

Mechanical Workshop :

- Hands-on experience with lathes, milling machines, drills, and other machining tools for fabricating mechanical components.
- Techniques for accurate measurement using calipers, micrometers, and gauges.

Electrical & Electronics Workshop :

- Building and testing electrical circuits using breadboards and soldering techniques, To analyze electrical signals using oscilloscopes & multimeters.
- To design and fabricate PCBs for electronic systems.

Programming and Software Skills :

- Proficiency in programming languages like C/C++, Python for controlling mechatronic systems.
- Experience with embedded systems programming.
- Familiarity with PLC (Programmable Logic Controller) programming.

Control Systems :

- Writing and debugging code for microcontrollers like Arduino or PIC for controlling actuators and sensors.
- Implementing control algorithms and tuning PID controllers for stability and performance.

Software and Simulation Tools :

- Using software like SolidWorks, AutoCAD, or Fusion 360 for mechanical design and simulation.
- Utilizing software tools like MATLAB/Simulink or LabVIEW for modeling and simulating mechatronic systems.

Safety and Maintenance :

- Training on safety protocols and guidelines for working with machinery and equipment
- Learning to maintain and troubleshoot workshop tools and equipment.

2018 – 2019	TOWN HIGHER SECONDARY SCHOOL – KUMBAKONAM Second Year (+2)	52%
2017 – 2018	TOWN HIGHER SECONDARY SCHOOL – KUMBAKONAM First Year (+1)	58.67%
2016 – 2017	TOWN HIGHER SECONDARY SCHOOL – KUMBAKONAM (10th) Standard	75.6%

CERTIFICATES

2019 – 2022 **NATIONAL SKILL DEVELOPMENT (NSDC)**

SKILLS

- | | |
|------------------------------------|---------------------------------------|
| • MS Office. | • communication skill |
| • Production Planning. | • Able to work in a team |
| • Time Management. | • problem solving skill |
| • Machine operation & Maintenance. | • Data Analysis. |
| • Safety & Compliance. | • Cost center & Work center creation. |

LANGUAGES

- Tamil
- English
- Kannada
- Hindi

Best Regards



Kovarasan S