

KAVIYARASU SAKTHIVEL

Engineer & Sustainability Enthusiast

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WHO AM I?

- Industrial engineer specializing in the optimization of production processes to improve performance and profitability.
- Enthusiastic about Sustainability, aiming to balance economic, social, and environmental factors in Industrial operations.
- Emerging Python developer, leveraging programming for data analysis and process automation.
- Analytical and adaptable with a focus on continuous improvement in manufacturing ,operations and Industrial model diagrams.

EXPERIENCE

R&D Intern

Kone Elevators and Escalators

July 2023 – May 2024 Chennai, India

- Developed PLC programs using Beckhoff PLCs, configured I/O modules, troubleshot systems, and conducted compliance testing.
- Applied the Sustainability principles to optimize processes and support waste reduction in research.
- Assisted in resource planning, identified bottlenecks, and proposed efficiency improvements.

Quality Analysis Intern

Sarmangal

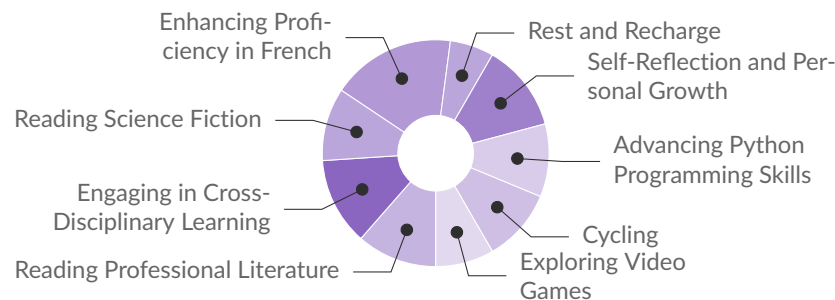
Jan 2023 – July 2023 Coimbatore , India

- Assessed production processes through a sustainability lens, focusing on resource efficiency, waste reduction, and ethical manufacturing practices.
- Identified inefficiencies and proposed improvements to enhance quality and reduce material wastage.
- Created and interpreted process flow diagrams and quality control charts for production optimization.

PROJECTS

- Power Measurement Automation Using PLCs
- Strategic Analysis and Sustainability of a Company

TIME SPENT IN A DAY



EDUCATION

M.S. in Industrial Engineering

École Centrale de Nantes

Sept 2024 – Aug 2026

B.E. in Electrical and Electronics-Eng

KPR Institute of Engineering

August 2020 – May 2024

LANGUAGES

French

English



STRENGTHS

Disciplined & Committed

Goal-Oriented

Adaptable Learner

Honest & Transparent

Self-aware & Strategic

Python

PLC Programming

Sustainability

Industrial Systems

Production Management

Project Management

CORE STRENGTHS



Honesty

Upholding truth and valuing integrity over convenience in every decision.



Commitment

Staying focused on growth and achieving goals, no matter the challenges.



Discipline

Maintaining a disciplined approach to work and learning for long-term success.



Consistency

Believing in the power of small, consistent actions to achieve big results.

PURPOSE OF LIFE

"True growth comes not only from improving oneself, but also from lifting others as you progress."