



# Kishanth Krishnasamy

Chemical Engineer | Production Engineer | Chemist

Nationality: Indian 🇮🇳

Date of birth: 28/09/2001

Gender: Male 🧑

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Home: Puducherry, India (605 003).

## ABOUT ME

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Dynamic and forward-thinking chemical engineer with one year of experience in batch reactor automation, production control, and quality control at Amcor. Eager to tackle new challenges and propel team success. Committed to lifelong learning, professional growth, and cutting-edge innovation in chemical engineering.

## WORK EXPERIENCE

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### Junior Officer

Amcor Flexibles India Private Limited

[ 1<sup>st</sup> June 2023 – Current ]

City: Puducherry | Country: India

#### Primary Roles & Responsibilities:

- ✓ **Batch Reactor Automation:** Managed automation for producing a specialized lacquer essential for Medical Grid lacquer paper production, ensuring optimal process parameters and effective troubleshooting.
- ✓ **MSDS, Technical Datasheets & COA:** Prepared Material Safety Data Sheets (MSDS), technical datasheets, COA as per company norms.
- ✓ **Standard Operating Procedures (SOPs) and Formats:** Developed SOPs and formats for operating processes to ensure consistency and adherence to best practices.
- ✓ **Supply Chain & Inventory Management:** Oversaw supply chain activities, managed inventory levels, and collaborated with suppliers to ensure quality and cost-effectiveness.
- ✓ **Data Analysis & Reporting:** Analyzed operational data to identify trends, generated performance reports, and used data-driven insights to support decision-making.
- ✓ **ISO and Customer Audits:** Participated in ISO audits and customer audits, demonstrating compliance with industry standards and addressing audit findings effectively.
- ✓ **Root Cause Analysis and NC Closure:** Conducted root cause analysis for non-conformities (NCs) and successfully closed those NCs, ensuring corrective actions were effectively implemented.
- ✓ **Clean Room Operations:** Oversaw processes in a clean room environment, adhering to strict contamination control and industry standards.
- ✓ **Continuous Improvement:** Contributed to initiatives aimed at enhancing efficiency, quality, and safety in production processes.

## EDUCATION

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### Bachelor of Technology (Honours) in Chemical Engineering 🎓

Pondicherry Engineering College, Pondicherry University.

[ September 2019 – May 2023 ]

Final grade: 8.54 out of 10 CGPA

#### Key Projects:

➤ **Studied a process for Recycling used engine oil through vacuum distillation and solvent extraction.**

Enhanced the oil's quality to meet SAE standards and reduced production costs by 1.5 times compared to using virgin crude oil.

➤ Studied and created software for heat exchanger network synthesis using the pinch design method. This tool optimizes chemical processes by recovering waste heat, reducing energy use, costs, and environmental impact. It offers a cost-effective alternative to commercial simulators and provides hands-on process simulation experience.

## SKILLS

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- › 5s, GMP, QMS, GDP
- › Analytical techniques
- › Process Optimization
- › Microsoft office
- › Troubleshooting & Problem-Solving
- › PFD & P&ID
- › Effective Communication & Team Collaboration
- › Safety Compliance & Emergency Response

## LANGUAGE SKILLS

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### Mother Tongue: Tamil

Other Languages	Reading	Listening	Speaking	Writing
English	C1	C1	C1	B2
Hindi	-	A1	A1	-

*\*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## CONFERENCES

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Amcor, Puducherry.

ISO 13485:2016 focuses on ensuring QMS for medical devices & services.

ISO 15378:2017 for ensuring quality, safety, integrity of pharmaceutical packaging materials