

# SOWMYA PALANICHAMY



+393518472236



Milan



Sowmyavivin22@gmail.com



[www.linkedin.com/in/sowmya-palanichamy-40505a178](https://www.linkedin.com/in/sowmya-palanichamy-40505a178)

## ABOUT ME

Dedicated and driven professional with strong organizational skills, exceling in fast-paced environments. I leverage my expertise in engineering processes, sales, and quality management to drive success, with a motivation to learn, grow, and excel in a collaborative environment

## EDUCATION

**2022 – 2025**

Politecnico Di Milano

**Masters in Agricultural Engineering**

**Thesis** - Implementation of Dutch Farming for Tomato Cultivation in South India - Designed a passive hydroponic model system for year-round tomato and leafy vegetable production. Achieved 70–90% water savings and 60% nutrient reduction, enhancing sustainability and efficiency. Provided a low-cost, eco-friendly solution supporting small and medium-scale farmers, aligned with UN SDGs.

**2016 - 2020**

Anna University

**Bachelors in Agricultural Engineering**

Designed and developed the seed ball making machine and also tested its efficiency and cost analysis.

## EXPERIENCE

**2021 - 2022**

**ACIDUS Management  
Solution Pvt. Ltd.,**

**Senior Client Service Executive**

Optimized end-to-end billing processes, boosting profitability, efficiency, and patient satisfaction through cross-coding, claims management, and technology improvements. Specialized in complex procedures and cross-coding, enhancing operational efficiency, profitability, and client satisfaction.

**2020 - 2021**

**Farmagain**

**Sales and Product development Associate**

Collaborated with sales and customer support to drive product bundling, dealer performance, and marketing strategies. Presented insights to senior management to support strategic initiatives and business growth.

**2019 - 2020**

**Del Monte Foods  
(Field fresh Foods  
Pvt. Ltd.,)**

**Farming and quality Associate**

Gained hands-on experience in sourcing, processing, and quality control of fresh produce, ensuring high product standards. Managed invoicing for Syngenta seeds and coordinated with customer teams to streamline deliveries and daily operations.

## SKILLS

- MS OFFICE
- MICROSOFT WORD
- MICROSOFT EXCEL
- MISCROSOFT POWER POINT
- PROJECT MANAGEMENT
- AUTOCAD - 2D + 3D
- ADOBE PHOTOSHOP
- SOLIDWORK SIMULATION

## LANGUAGES

**TAMIL**

Mother Tongue

**ITALIAN**

A2

**ENGLISH**

C2

**HINDI**

C2