

SOWMYA PALANICHAMY



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Milan



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ABOUT ME

Dedicated and driven professional with strong organizational skills, excelling 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

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|----------------------|---------------------|-------------------|--------------------------|
| • 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