



Sowmya Palanichamy

Date of birth: 11/12/1997 | **Nationality:** Indian | **Gender:** Female | **Phone number:**

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EDUCATION AND TRAINING

12/09/2022 – 21/10/2025 Milan, Italy

MASTERS IN AGRICULTURAL ENGINEERING Politecnico Di Milano

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.

06/08/2016 – 10/10/2020 Coimbatore, Tamilnadu, India

B.E. AGRICULTURAL ENGINEERING Anna University (Sri Shakthi Institute of Engineering and Technology)

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

Field of study Agriculture | **Final grade** 7.40 | **Thesis** Design and Development of Seed Ball making machine

WORK EXPERIENCE

ACIDUS MANAGEMENT SOLUTION PVT. LTD., – COIMBATORE, TAMILNADU, INDIA

CLIENT SERVICE EXECUTIVE – 10/04/2021 – 11/08/2022

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.

FARMAGAIN – COIMBATORE, TAMILNADU, INDIA

SALES AND PRODUCT DEVELOPMENT ASSOCIATE – 01/12/2020 – 02/02/2021

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.

DEL MONTE FOODS (FIELD FRESH FOODS PVT. LTD.) – HOSSUR, TAMILNADU, INDIA

FARMING AND QUALITY ASSOCIATE – 02/11/2019 – 02/02/2020

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.

LANGUAGE SKILLS

Mother tongue(s): **TAMIL**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
HINDI	C2	C2	C2	C2	C2
ENGLISH	C2	C2	C2	C2	C2

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken production	Spoken interaction	
ITALIAN	A1	A1	A1	A1

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

• SKILLS

solidworks simulation | AUTOCAD - 2D + 3D | MS OFFICE | WPS | DATA ANALYSIS | MICROSOFT WORD | MICROSOFT POWER POINT | MICROSOFT EXCEL | PROJECT MANAGEMENT | MARKETING AND SALES | WEB DESIGN | ADOBE PHOTOSHOP | MARKET RESEARCH