



# MANIKANDAN V

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## SUMMARY

As a motivated and passionate MCA fresher, I am looking for an opportunity to begin my career in the IT industry where I can apply my skills in Python, web development, and problem-solving. I am eager to learn new technologies, grow professionally, and contribute to the success of the organization.

## INTERNSHIP

### Durkkas Infotech

Feb 2025 - Present

RPA & AI Apps Developer Intern

**Project:** Learning Management System (ISML)

- Developed a Learning Management System (LMS) for ISML to manage online classes for colleges. The system includes modules for Admin, Tutors, and Students. It supports student data upload via CSV, class and content management, assignment handling, and LSRW (Listening, Speaking, Reading, Writing) skill evaluation. Enabled smooth coordination between institutions, tutors, and learners for effective e-learning delivery.

**Project:** Smart Agriculture System

Technologies : Python, Machine Learning, Deep Learning (CNN), Flask, MySQL, HTML, CSS, Bootstrap

- Developed a Smart Agriculture System to assist farmers in improving crop productivity and sustainability using AI. Implemented three core modules:
- Crop Recommendation – Suggested the most suitable crops based on soil nutrients and weather conditions using ML models.
- Fertilizer Recommendation – Analyzed soil composition to recommend ideal fertilizers, optimizing nutrient usage and yield.
- Pest Detection – Used Convolutional Neural Networks (CNN) to detect crop diseases from images, enabling early intervention and reducing crop loss.

The system enhances decision-making, reduces resource wastage, and supports sustainable farming practices.

## EDUCATION

### Master of Computer Applications

May 2023 - April 2025

Ayya Nadar Janaki Ammal College , Sivakasi

- Major in Software development.
- Thesis on "Technological Advancements within the Current Mechatronics Industry".

### Bachelor of Computer Applications

May 2019 - May 2022

Devanga Arts College , Aruppukottai

- Scored 7.97 CGPA

## ADDITIONAL INFORMATION

### Technical Skills:

- Digital Marketing (Meta Ads, LinkedIn Ads)
- Zoho One,CRM,Form (Lead Tracking, Deal Conversion, Web Forms)
- Pabbly Connect (Lead Automation, API Integration)
- Programming Languages: Python
- Web Technologies: HTML, CSS, JavaScript, Bootstrap
- Database Management: MySQL Workbench,Mongodb
- Frameworks & Libraries: Flask, NumPy, Pandas, Matplotlib
- Tools: VS Code,

### Languages:

- English,Tamil,Telugu.