

# Sudheesh V

sudheeshv2106@gmail.com | [LinkedIn](#) | [GitHub](#)

## Executive Summary

Motivated Computer Science Engineering graduate with strong skills in **Python, Machine Learning, Data Analytics, and UI/UX Design**. Experienced in building ML models, analytical dashboards, and user-centered UI designs. Passionate about solving real-world problems through data and modern technologies.

## Education

**Sri Ramakrishna Engineering College (SREC)**

*3RD YEAR B.E Computer Science and Engineering | 2023*

## Skills

**Programming:** Python, SQL

**Libraries:** Pandas, Scikit-learn, Random Forest, Decision Trees

**Tools:** Jupyter Notebook, GitHub, Colab

**Design:** Figma (UI/UX)

## Projects

**Crop Recommendation System**

*GitHub*

**Project Repository**

Built a machine learning model to recommend the most suitable crop based on soil parameters and environmental conditions. Includes data preprocessing, model training, and result visualization.

**Automated Obstacle-Avoidance Robot**

**Project Info**

Designed and built an Arduino-based robot using ultrasonic sensors, IR sensors, servo motors, and motor-driver circuits. Enabled autonomous navigation and obstacle detection. **Won Second Prize** for this project.

## Achievements

- Secured **Second Prize** for Automated Obstacle-Avoidance Robot (2023) in Popularization of Science (2022–2023) by TNSCST at SREC: [View Certificate](#)
- Won **Second Prize** in Tamil Nadu Road Safety Design Hackathon (2024): [View Certificate](#)
- Designed a new homepage UI for **APSSDC SkillUniverse** using Figma: [View Figma Prototype](#)

## Courses & Certifications

- Programming for Everybody — University of Michigan (Apr 2024): [Show Credential](#)
- Introduction to Generative AI — Google Cloud (May 2024): [Show Credential](#)
- Mastering Figma: Beginner to Expert — APSSDC (Mar 2024): [Show Credential](#)

## Languages

Tamil	Strong
English	Strong
Hindi	Basic
Japanese	Basic