

# MASANA SOUMYA

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[SoumyaMasana](#)

## Professional Summary

Highly motivated and detail – oriented Computer Science and Engineering student with strong foundation in HTML, CSS, C#, Python, Java script and eager to apply academic knowledge to real-world challenges. Possess strong analytical, problem-solving, and teamwork abilities, quick learner with excellent communication skills and a keen interest in continuous learning. Seeking an entry-level role in ‘web development’, ‘software engineering’, ‘JavaScript’, ‘python Developer’ to contribute effectively while gaining hands-on experience in a dynamic environment.

## Education

**DRK College of Engineering and Technology**, Hyderabad

B. Tech in Computer Science and Engineering

2023 – 2026

CGPA: 7.5

**St. Mary’s Women’s Engineering College**, Budampadu

Diploma in Computer Engineering

2020 – 2023

Percentage: 8.0

**Kanna English Medium High School**, Guntur

Secondary school certificate (X)

2020

Percentage: 10.0

## Certifications

- **Basics of Python Certification**
  - Completed foundational Python training through Infosys Springboard.
- **Programming Fundamentals Algorithms and pseudo-codes using Python**
  - Received certification from Infosys Springboard for completing this module.
- **Programming Fundamentals robust code and recursive approach using Python**
  - Awarded a certificate for successfully completing this advanced Python course by Infosys Springboard.
- **C#**
  - Certification for completing two months course of c#.net in SSSIT Computer Education
- **Web Development**
  - Completed the Web Development Industrial Training program offered by Agratas Academy.
- **AWS Cloud Practitioner Essentials**
  - Earned certification from AWS Training and Certification.
- **SQL and Relational Database 101**
  - Certification is issued by a Cognitive Class powered by IBM Developer Skills Network.

## Internships

- **Web Developer Internship**
- **Technologies used:** HTML, CSS
- I had done this internship from 11-09-2024 to 10-11-2024.
- I have completed a Virtual Internship Program in Web Development at Agratas Academy and have completed the tasks assigned for me. They were creating website of the Student Registrations form, TO- DO-LIST. I actively worked on frontend development like HTML and CSS. Through this experience, I developed strong problem-solving, teamwork, and time management abilities

## Projects

### 1. Skin Disease Detection and Classification using Image Segmentation:

Mini Project

- **Technologies used:** Python, Flask, HTML, and CSS
- Played a lead developer role in this project
- Developed an ML-based system to classify 8 skin diseases using image segmentation (GrabCut) and feature extraction (GLCM). Preprocessed images with OpenCV, trained SVM (95% accuracy), KNN, and Decision Tree models on ISIC 2019/HAM10000 datasets and deployed via Flask. Automated lesion analysis for faster diagnosis.

### 2. Responsive Personal Portfolio:

- **Technologies used:** HTML, CSS, JavaScript

- Designed and developed a portfolio website using HTML, CSS, and JavaScript to showcase projects, skills, and professional background. Implemented smooth animations and interactive elements for enhanced user engagement. Features a clean, mobile-friendly layout with project case studies, contact form, and downloadable resume.

## **Skills**

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**Programming Languages:** Python, java, C#.

**Libraries / Frameworks:** HTML, CSS, JavaScript.

**Databases:** MySQL.

**Skills:** Communication, Problem Solving, Time

Management, Active Listening.

## **Declaration**

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I hereby declare that the above-mentioned information is correct to my knowledge, and I bear the responsibility for the correctness of the same.

**Place:** Hyderabad

**MASANA SOUMYA**