

# MONISHA S

FRONT-END DEVELOPER |WEB CREATOR |  
BIOINFORMATICS ENTHUSIAST

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## ABOUT ME

Frontend Developer and Biotechnology student skilled in creating responsive websites and scientific portfolios. Strong in HTML, CSS with foundational knowledge in bioinformatics and biological data analysis. Able to convert complex biotech concepts into clear, user-friendly digital solutions. Focused on combining technology and life sciences to deliver impactful results.

## EDUCATION

### B.TECH BIOTECHNOLOGY Paavai Engineering College

2026 - Pursuing  
CGPA - 8.6

### HIGHER SECONDARY CERTIFICATE Einsstein Matric Higher Secondary School | Percentage - 69%

2022 - 2024

### SENIOR SECONDARY LEAVING CERTIFICATE

Einsstein Matric Higher Secondary  
School | Percentage - 80%  
2021 - 2022

## SKILLS

### • SOFT SKILLS

Analytical Thinking  
Problem Solving  
Teamwork & collaboration  
Leadership Quality

### • TECHNICAL SKILLS

HTML, CSS  
Python  
Bioinformatics  
Analytical Thinking

### • CORE CONCEPT SKILLS

DNA / RNA Isolation  
Documentation & Data Analysis  
Cell Culture Techniques

## EXPERIENCE

### Placement Coordinator

- Placement Coordinator with experience in student coordination and recruitment support.

### Talent Quest for India (TQI) – Volunteer

- TQI Volunteer involved in talent development and educational initiatives.

### NSS (National Service Scheme) – Volunteer

- NSS Volunteer with active participation in community service programs.

## CERTIFICATION

### ISRO – WORLD SPACE WEEK 2025

Sathsh Dhawan Space Center SHAR , ISRO

Secured 3<sup>rd</sup> Place in a design contest conducted during World Space Week 2025 , recognizing creativity and innovation in space science applications.

October 4 - 2025

### INNOVATOR’S DAY- 2025

Sri Manakula Vinayagar Engineering College

Participated in a national-level project contest, presenting innovative ideas and demonstrating problem-solving and technical skills.

September 20 - 2025

### PRASIDHI’25 – NATIONAL LEVEL SYMPOSIUM

Kongu Engineering College (Oranganised by NSS)

Presented a paper and project presentation at PRASIDHI’25, gaining experience in technical presentation and national-level academic interaction.

August 6 - 2025

### BIOMASS FERMENTATION WORKSHOP

Sathyabama Institute of Science & Technology

Participated in one day hands-on workshop focused on biomass fermentation techniques and biotechnological applications.

August 18 - 2025

## PROJECTS

### Smart Patient Appointment and Priority Management System

Technology: Glide (No-Code App Platform)

Designed a smart appointment management system to schedule patient visits and manage priority based on urgency. Enabled streamlined booking, reduced waiting time, and improved patient flow through a simple, user-friendly interface suitable for small clinics and healthcare centers.

### DNA Sequence Analysis Tool (Python)

Technology: Python

Developed a Python-based tool to analyze DNA sequences, including GC content calculation and basic sequence statistics. Implemented file handling using FASTA format to process biological data efficiently.