

# Asini Manisha

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[LinkedIn](#) | [Leetcode](#) | [GitHub](#) | [Portfolio](#)

## Profile

I am a Dedicated tech-savvy individual with a B.E/BTech in Computer Science and engineering seeking internship opportunities to join a company that can help me enhance my skills, strengthen my knowledge, and realize my potential by exploring the various aspects of this tech field.

All of it started when I was a teenager and entering into Engineering the quest for learning programming languages and DSA and Web Dev came this way long.

## Project and experience

### Axiom Parking-IoT

Oct 2022 - Jan 2023

- Axiom Parking is an IoT project, car parking simulation which works in “Cisco Packet Tracer”.
- Implemented Axiom Parking feature in our mobile app, providing real-time updates on parking slot availability; increased user engagement by 40% and boosted app retention by 25% within the first month of launch.
- Collaborated a cutting-edge automation tool that streamlined data entry processes, saving over 50 hours per week; this transformative solution significantly increased operational efficiency and productivity for the team.

### Malaria Detection-ML

Jan 2024

- Developed and analyzed an ML and neural network project for Malaria detection, analyzing microscopic blood images to accurately identify Malaria infection rates and provide early diagnosis, reducing misdiagnosis
- Developed a Malaria Detection web application using Flask, a lightweight WSGI framework. Utilized a pre-trained VGG16 convolutional neural network (CNN) model for image classification, loaded using Keras.
- Implemented image preprocessing techniques such as resizing and normalization to prepare input images for the model. Integrated file upload functionality allows users to upload their images for malaria classification. Demonstrated proficiency in Python programming, web development with Flask, and deep learning concepts for image classification tasks.
- Provided real-time prediction feedback to users, displaying the classification result (Parasitized or Uninfected) along with the confidence score.

## Internship

### AICTE

#### AI-ML Virtual Internship

May 2023 - Jul 2023

- Researched and implemented cutting-edge AI algorithms into AWS Cloud architecture, resulting in a 40% decrease in model training time and a 25% increase in prediction accuracy.

## Leadership Experience

### Volunteer at NSS-MVSR UNIT

2024-2025

- Organized Farmers’ Day and Rangoli Fest, engaging 600+ participants generating 20,000rs revenue, and increasing local foot traffic by 30%.
- Spearheaded orphanage donation campaigns, achieving a 60% increase in donations with effective team collaboration. Provided crucial support for over 200 children, demonstrating a commitment to compassion and social responsibility.

## Education

- **Maturi Venkata Subba Rao(MVSR) Engineering College,Nadargul,Hyderabad**  
Dec 2021- Aug 2025  
BE computer Science Engineering  
GPA-9.15/10
- **Sri Chaitanya Junior College, Hyderabad**  
Jun 2019 - Apr 2021  
MPC-Intermediate  
Percentage-98%
- **St.Paul’s High School ,Hyderabad**  
Apr 2019  
SSC-Schooling  
Percentage-95%

## Skills & Interest

### Skills

- Data Structures using C++
- Python
- Database Managment System
- Web Development(Html,Css,Javascript)
- Basics of Prompt Engineering
- Java,C
- Frameworks: Django
- Basics of Figma

### Interests

- AI-Machine Learning
- Problem Solving
- Reading Blogs

## Courses & Certifications

- Machine Leaning -Coursera
- Fundamentals of Frontend development-FreeCodeCamp
- Basics of UI/UX Design
- DBMS-ORACLE Academy

## Achivements

- Got 50 days badge in Leetcode
- 2 star in HackerRank in Problem Solving