SATHVIKA KOLLABATHULA

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in sathvika.kollabathula

PROFILE

Aspiring Computer Science and Engineering student with a specialization in Artificial Intelligence and Machine Learning. Eager to apply technical skills and creativity in a challenging role that offers opportunities to contribute to real-world projects, learn from experienced professionals, and grow in the AI domain.

LANGUAGES

English | Telugu | Hindi

CERTIFICATES

Programming in Java
NPTEL [Jan-Apr 2024]

Java Fundamentals
ORACLE ACADEMY [May 2023]

Database Programming with SQL
ORACLE ACADEMY [May 2023]

Programming Essentials in Python
CISCO [Jul 2023]

PERSONALITY TRAITS

Adaptive and Team Worker

Communication Skills

Problem Solving and Critical Thinking

Creativity and Leadership skills

ORGANISATIONS

YUKTHI
Core Team Member, Poster designing head.

TARANG
Led as Dance Club Head

PROJECTS

Crowd Clearance and Queue Tracking System
- Built a real-time system integrating OpenCV video analytics with Flask backend
- Enabled virtual queuing via web interface with dynamic wait time estimation
- Developed an admin panel for rule configuration and live queue monitoring
- Designed a modular, AI-ready architecture for future machine learning integration

Analysis of Machine Learning Classifiers in Breast Cancer Diagnosis
- Conducted a study on breast cancer prediction using numerical data from FNA image analysis.
- Applied and compared machine learning models, including Deep Neural Networks and Random Forest.
- Determined the most accurate model for enhancing early diagnostic reliability.

EDUCATION

B-Tech,CSE(AI&ML),
Vidya Jyothi Institute of Technology
08/2022 – Present | Hyderabad
CGPA (*until 5th sem*) - 8.39

Intermediate,
St. Ann's College for Women
06/2020 – 05/2022 | Hyderabad
Percentage - 80%

Class X
Sri Chaitanya Techno School
06/2019 – 04/2020 | Hyderabad
GPA - 10.0

SKILLS

UI/UX Design
Figma and Canva

Front-End & Web Development
HTML, CSS, JavaScript ,Bootstrap & Tailwind, API integration, Basic backend (Flask/Node)

Data Structures and Algorithms

Scripting Languages
JAVA, Python, C, JavaScript

INTERNSHIPS

ShadowFox
Web development intern
06/2025

INTERESTS

Reading Books | Dance | Content Writing | Animation Aesthetics | Photography