

# Sindhuja Pyla

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## EDUCATION

2022 – present	<b>Bachelor of Technology,</b> SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN CGPA <b>9.45</b>	Bhimavaram, India
2020 – 2022	<b>Senior High School,</b> LAKSHYA SCHOOL Percentage: <b>92%</b> (CBSE)	Samalkota, India

## TECHNICAL SKILLS

- Programming Languages : C, Python, JAVA
- Databases : MySQL, MongoDB
- Operating Systems: Windows, Linux
- Web Development : HTML, CSS, Bootstrap, React.js, Node.js
- ML & AI : CNN, Numpy, Pandas, Matplotlib, Seaborn, FastAPI, Tensorflow, Keras, OpenCV
- Tools : Tableau, VSCode, Excel, PowerBI, MATLAB
- CS Fundamentals : DSA, DBMS, OS, OOPS(JAVA)

## CODING PROFILES

LeetCode | Hackerrank | Smart Interviews | InterviewBit

## TRAINING, WORKSHOPS, INTERNSHIPS

<b>ML Intern</b> AICTE(4 months)	<b>ML Foundations</b> AWS Academy Graduate	<b>AI Tools Training</b> 36-hour program, L4G	<b>Python Training</b> WISE, TalentSprint
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## PROJECTS

### MoodTunes [↗](#)

- Developed a Mood-based Music Recommendation System that suggests songs based on facial emotions.

**Tech Stack:** Python, Streamlit, OpenCV, CNN, TensorFlow, Pandas

### Face Recognition System [↗](#)

- Implemented a Face Recognition System using LBPH for real-time facial identification..

**Tech Stack:** Python, OpenCV, NumPy, PIL, LBPH, Haar Cascade.

### INNOVACARE [↗](#)

- Built an Online Web Medical Management System for booking doctor appointments and attend meetings.

**Tech Stack:** HTML, CSS, React.js, Node.js, MySQL

### My Personal Portfolio [↗](#)

- Designed an interactive, responsive portfolio to showcase my projects and skills.

**Tech Stack:** React.JS, HTML, CSS

### LIBRATECH [↗](#)

- Developed a Python-based Library Management System for book availability and reservations.

**Tech Stack:** Python, Tkinter

## ACHIEVEMENTS

**Adobe Career Academy,** Selected as 1 of 200 mentees in India for DSA, CS fundamentals, and interview prep.

**Research Paper(IEEE Conference),** Published Date Fruit Classification using Backward Feature Engineering. [↗](#)

**Unstop Talent Park,** Semi-finalist for the MBTI Analysis project.

**R&D Showcase,** Poster Presentation on "Music Recommendation System based on Moods

## CERTIFICATIONS

- NPTEL Certification on Programming, DSA using Python (IITM) and Java (IITKGP).
- Google AI Skill Badge, Java & SQL Certifications (HackerRank)
- Coursera Courses: Crash Course in Python, Introduction to Artificial Intelligence
- AWS Academy Graduate: AI and Machine Learning Foundations

## EXTRA-CURRICULAR ACTIVITIES

**Limca Book of Records,** Recognized for 30-hour Nonstop Speech Relay by Toastmasters Hyderabad.

**Google Developer Groups (GDG),** Technical Co-Organizer