

# Manvitha Pola

📍 Hyderabad

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## Summary

An enthusiastic 4th-year B.Tech student in Artificial Intelligence and Machine Learning, with strong skills in AI, Machine Learning, and Web Development. Proficient in Frontend technologies and completed Backend development with PHP. Passionate about building AI-driven solutions and dynamic web applications that solve real-world problems.

## Education

Institution	Board / Specialization	Score	Duration
Sreenidhi Institute of Science and Technology	B.Tech in AI & ML	CGPA: 9.69	2022–Present
Narayana Junior College	TSBIE	98.4%	2020–2022
Sanskriti-The-School	CBSE	93.6%	2019–2020

## Internships

### Intel® Unnati Industrial Training – 2024

Project: [GitHub](#)

May 2024 – July 2024

- Built an AI-driven healthcare web app using Flask/Django, HTML/CSS, PHP, and MySQL.
- Integrated features such as prediction of symptoms, predictive analytics, and an AI chatbot.
- Completed under the theme “Integrated Common Services to Common People” with guidance from assigned mentors.

## Projects

### Hackathon Finder – Discover Hackathons Easily

[Hackathon Finder](#)

- Aggregates hackathon events from platforms like Devpost, MLH, Hackathon.com, Eventbrite, and AngelHack.
- Provides filters, charts, and direct registration links to track and explore upcoming hackathons efficiently.

### Privision – Image, Video, and Webcam Anonymization

[Privision](#)

- Web app to anonymize images, videos, and live webcam using Python, Flask, YOLOv8, and OpenCV.
- Multiple modes: Blur, Pixelate, Blackbox with a sleek, futuristic UI.

### RoomieSplit – Smart Expense Splitter for Roommates

[RoomieSplit](#)

- Built a full-stack expense splitter using PHP, MySQL, JS, HTML/CSS, and Bootstrap.
- Added features like ‘Who Owes Whom’, Settle Up, filters, charts, and CSV/PDF export.

### HRMS Leave Management Portal – Leave Management System

[HRMS](#)

- Allows employees, managers, and admins to manage leave requests, approvals, and track leave balances.
- Includes leave quotas, holiday calendar, real-time dashboards, and reporting features.

### Music Genre Classification using Deep Learning

[SpectroSync](#)

- Used GTZAN dataset, converted audio to Mel-spectrograms with Librosa.
- Built a CNN-LSTM model with TensorFlow for genre classification.

## Publications

### Data to Watts–Navigating the Energy Revolution with AI [DOI Link](#)

April 2025

Co-authored a book chapter published in *Integrating Artificial Intelligence Into the Energy Sector*, IGI Global Publications.

## Skills

**Programming Languages:** C, Java, Python

**Web Development:** HTML, CSS, JavaScript, TailwindCSS, Bootstrap, PHP, React

**Core Competencies:** DSA, Problem-Solving

**Machine Learning:** Supervised and Unsupervised Learning, CNN, OpenCV, Tensorflow

**Soft Skills:** Critical Thinking, Communication, Time Management, Adaptability

## Languages

English, Telugu, Hindi

## Extra-Curricular Activities

### Member, College Robotics Club

2023–Present

Participated in robotics projects and competitions, and volunteered during the college fest.