

MANVITHA POLA

CONTACT

- 📞 9396658418
- ✉️ polamanvitha@gmail.com
- 📍 Hyderabad, Telangana.
- 🌐 <https://github.com/ManvithaPola>
- 🌐 www.linkedin.com/in/manvitha-pola-3537342b4/

EDUCATION

SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY

HYDERABAD , TELANGANA

B.Tech in Artificial Intelligence and Machine Learning
(2022 - present) | CGPA: 9.75

NARAYANA JUNIOR COLLEGE

HYDERABAD, TELANGANA

(2020-2022) | 98%

SANSKRITI-THE-SCHOOL

HYDERABAD, TELANGANA

CBSE(2010-2020) | 94%

SKILLS

- **Programming Languages:** C, Java, Python
- **Web Development:** HTML, CSS, JavaScript, TailwindCSS, Bootstrap, PHP
- **Tools & Platforms:** Photoshop, Canva
- **Core Competencies:** DSA, Problem-Solving
- **Machine Learning:** Supervised & Unsupervised Learning, CNN, Scikit-learn, Pandas, NumPy, Matplotlib
- **Soft Skills :** Critical Thinking, Communication, Time Management, Adaptability

LANGUAGES

- English
- Telugu
- Hindi

EXTRA-CURRICULAR ACTIVITIES

Member, College Robotics Club

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

PUBLICATIONS

"Data to Watts - Navigating the Energy Revolution with AI"

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

<https://doi.org/10.4018/979-8-3693-7112-1.ch003>

SUMMARY

An enthusiastic 3rd-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.

PROJECTS

Music Genre Classification using Deep Learning

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

<https://github.com/ManvithaPola/SpectroSync>

RoomieSplit – Smart Expense Splitter for Roommates

- 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.

<https://github.com/ManvithaPola/Roomiesplit>

Velisca – Premium Fashion & Lifestyle Website

- Designed a luxury e-commerce website with HTML, CSS, JavaScript, and TailwindCSS.
- Implemented responsive UI, category filters, and interactive product displays.

<https://github.com/ManvithaPola/velisca>

Movie Recommendation System

- Built a content-based movie recommender using Python, Pandas, and Scikit-learn.
- Suggested similar movies based on user input using cosine similarity and metadata analysis.

<https://github.com/ManvithaPola/Movie-Recommender-System>

INTERNSHIPS

Intel® Unnati Industrial Training – 2024

Duration: May 2024 – July 2024

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

<https://github.com/positiveonly/healthcare.git>