

# YARRA NISHWANTH

AIML Aspirant | AI & Machine Learning Application Developer

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[LinkedIn](#)

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[Portfolio](#)

## ABOUT ME

Computer Science (AIML) student with hands-on experience building and deploying AI-powered applications. Strong foundation in machine learning concepts, NLP, and backend development, with practical experience using Python and Java to solve real-world problems.

## WORK EXPERIENCE

### Design Member

Sreyas Developer Conference | October, 2025

- Designed event posters and digital creatives using Canva.
- Worked with the organizing team to maintain consistent event branding.

## PROJECTS

### MoodStream – Mood-Based Music Recommendation System

- Built an AI-driven system to recommend music based on user mood
- Supported text and voice input for real-time personalized recommendations
- Developed backend using Flask and integrated Spotify Web API

**Tools:** Python, Flask, NLP, NLTK, Spotify Web API, SpeechRecognition, Librosa

### Text-to-Speech Web Application

- Developed using JavaScript to convert text input into speech.
- Implemented real-time speech synthesis with a simple, responsive interface.

**Tools Used:** JavaScript, Web Speech API, HTML, CSS

## EDUCATION

### B.Tech Computer Science and Engineering (Artificial Intelligence and Machine Learning)

Sreyas Institute of Engineering and Technology | 2023 - 2027

### Intermediate - MPC

Narayana Junior College | 2021-2023

### Schooling - SSC

Narayana E-Techno School | 2021

## SKILLS

**AI / ML:** Machine Learning Fundamentals, NLP, Speech Processing (TTS/STT)

**Programming & Core CS:** Java (OOPS), Python, C, Data Structures & Algorithms (Java), SQL

**Backend & APIs:** Flask, FastAPI, REST APIs

**Web Technologies & UI:** HTML, CSS, JavaScript, UI/UX Principles

**Tools:** Git, GitHub, VS Code, Canva, Figma

## HOBBIES:

Gaming, Video Editing, Cricket