YARRA NISHWANTH

AIML Aspirant | AI & Machine Learning Application Developer

+91 73864 19173   nishwanthyarra@gmail.com   LinkedIn   GitHub   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

AI Medical Report Analyzer

- Built an AI medical report analyzer with OCR-based PDF/JPG/PNG/TXT extraction and condition detection
- Deployed React + Node.js/Express app on Vercel and Render (Docker)

Tools: JavaScript, React, Node.js, Express, OCR (Tesseract), Docker, REST APIs

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

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