MANASA M

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SUMMARY

As a proactive and detail-oriented individual , I am constantly seeking out new challenges and opportunities to learn and grow .I have a strong passion for technology and thrive in dynamic environments where I can leverage my creativity and problem-solving skills to find innovative solution.

EDUCATION

B.E. in Artificial Intelligence and Machine Learning, BMS Institue of Technology (GPA: 7.75)	Jan '20 — Jan '24
Class 12, CMR National PU College (Percentage: 78.6%)	Jan '18 — Jan '20
Class 10, The Best High School (Percentage: 82.40%)	Jan '17 — Jan '18

TECHNICAL SKILLS

Languages and Frameworks : Python Programming, Data Structure, MySQL, NumPy, Matplotlib,Pandas

Tolols and Technologies : Jupiter notebook , MATLAB , Microsoft Azure

CERTIFICATIONS

Azure Fundamentals (az-900)
Microsoft Certified

Introduction to Genrative AI
Google cloud

EXPERIENCE

Machine learning Intern

Varcons Tech Pvt Ltd   Oct '23 — Nov '23

Assisted to identify and implement improvements in existing models .This project successfully tackled the challenge of improving social media sentiment analysis accuracy. By strategically experimenting with various algorithms and data processing techniques, including TF-IDF and different classification models,a notable accuracy boost of 84% was achieved.

PROJECTS

Music recommendation System

- Built a content-based music recommendation system using TF-IDF vectorization and cosine similarity.
- Developed a pre-processing pipeline to clean and transform song lyrics data for effective analysis.
- Implemented a recommendation engine that leverages cosine similarity to identify similar music based on user preferences.

License Plate Recognition

- Developed a two-stage system for vehicle license plate (LPR) detection and recognition
- Implemented image processing techniques for robust detection
- Implemented template matching for character recognition:

ACHIVEMENTS

VTU Intercollegiate Tournament Table Tennis Winner(Northzone)

Won 1st place consecutively for three years (2021, 2022, 2023).

VTU Interzone (State Level) Tournament Table Tennis

Won 3rd place in 2021 and 2022.

INDO-Sri Lankan Throwball Tournament

Won 1st place representing India in 2017.

VOLUNTEERING

Rotaract club of Bms Yelahanka , Volunteered to empower students: Led engaging tech sessions to the students and spearheaded awareness drives, sharing knowledge and fostering understanding.

Yuva global Foundation, Actively participated in food donation drives and initiatives to empower women, demonstrating my commitment to social justice and community well-being.