KANAK MAHESHWARI

ML Developer

CONTACT

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🗔 https://kanakmaheshwari.github.io/Portfolio/

EDUCATION

Vellore Institute of Technology Bhopal

2020 - 2024

CSE with Specialization in Artificial Intelligence and Machine Learning

CGPA- 8.47

CERTIFICATIONS

- Applied Machine Learning in Python (Coursera)
- Microsoft Azure AI Fundamentals (AI- 900)
- Fundamentals in Data Analytics
- Data Science (Board Infinity)

SKILLS

- Python
- Communication skills
- Machine Learning
- Problem-solving skills
- C++ Intermediate
- HTML, CSS

PROFILE

I'm Kanak Maheshwari, a B.Tech student specializing in Artificial Intelligence and Machine Learning at VIT Bhopal. I've built a strong foundation in Python and machine learning through academic projects. Beyond my studies, I'm an enthusiastic traveler with a passion for football, highlighting teamwork and perseverance

WORK EXPERIENCE

INTERNSHIP

AutoFlow Technologies Pvt Ltd *November 2022- January 2023*
Applied machine learning methods to classify text-based news articles into categories such as sports, business, technology, and politics. Employed multiple algorithms for classification and chose the most accurate one, achieving precise news categorization.

Smart Bridge *June 2023- July 2023*
Designed Virtual Eye-Lifeguard for swimming pools, utilizing YOLOv5 for real-time drowning incident detection. Improved productivity by 40% through workload assessments and process optimization. Identified 70% of potential drowning situations, enabling prompt safety measures. Role included machine learning for image annotation, model training, and testing.

PROJECTS

FaceSentinel
Attained 89% accuracy in emotion detection using computer vision and machine learning techniques focused on eye and facial muscle analysis. Leveraged OpenCV and deep learning in a team of three, with responsibilities in data preprocessing and model training.

JobSage
Implemented NLP systems for job matching by analyzing job descriptions and user resumes using collaborative filtering. Enhanced user satisfaction with a 20% increase in personalized job recommendations. Collaborated with a team of four members, working on machine learning and front-end aspects.