JAYAVIBHAV NK

AI/ML ENTHUSIAST

SKILLS

PROGRAMMING LANGUAGES
PYTHON, JAVA, JAVASCRIPT, C, HTML

DATABASE
MYSQL, SERVER SQL, MONGODB

FRAMEWORKS AND LIBRARIES
TENSORFLOW, SCIKIT-LEARN, TRANSFORMERS, PYSPARK, REACTJS

DATA SCIENCE AND ANALYTICS
POWER BI, PANDAS, NUMPY, MATPLOTLIB

SOFT SKILLS

Organized Fast learner Teamwork

Fluency in English Problem solving

Creative Leadership

INTERESTS

DATA SCIENCE MACHINE LEARNING
DEEP LEARNING COMPUTER VISION
NATURAL LANGUAGE PROCESSING

SPORTS, MUSIC, FOOTBALL

EDUCATION

SECONDARY SCHOOL
Science(PCMC)
School High School (CBSE)
2018-2020

BACHELOR OF ENGINEERING
Artificial Intelligence and Machine Learning
New Horizon College of Engineering
2020-Present(3rd year)

CONTACT

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PROFILE

Currently pursuing B.Tech in Artificial intelligence and machine learning. My vision is to innovate and create machine learning based projects for the benefit of the society.

PROJECTS

GESTURE RECOGNITION USING MACHINE LEARNING

An application that performs certain actions based on the gesture performed by the user.

- Implemented using **Python's OpenCV** and **Mediapipe** libraries.
- A machine learning model was trained to detect hand gestures and execute GUI automation using **Pyautogui.**

TEXT SUMMARIZATION WEBSITE

Transformers based Text summarization for pdfs,images and URLs.

- Backend implemented using **HuggingFace** Transformer's summarisation model - 'T-5' along with **Pytesseract-OCR** and **Poppler**.
- Frontend implemented using **HTML**, **CSS** and **Flask** for server side connection.

BLOGIFY.AI

A blog website which can generate images and analytics for blogs

- Frontend implemented using **ReactJS** and **ExpressJS**.
- Backend developed on Python, uses **Stable diffusion** for generating images, keyword tagging through **yake**, sentiment analysis through HuggingFace's API and Wordcloud generation using **NLTK**.
- Uses **MongoDB** for blog storage and **Pyspark** to extract and process data.

EXPERIENCE

TEKSYSTEMS GLOBAL SERVICES - DATA ANALYST INTERN(SEP-OCT 2022)
WORKED ON SERVER SQL, PYTHON AND MICROSOFT AZURE.

ACHIEVEMENTS AND CERTIFICATES

- **WINNER OF NEW HORIZON IDEA HACKATHON (2021)**
- **MAJOR CONTRIBUTOR TO AIML NEWSLETTER(NEW HORIZON COLLEGE OF ENGINEERING)(2022)**
- **WINNER OF HACKZON(2022), NEW HORIZON COLLEGE OF ENGINEERING**
- **UDAAN START-UP COMPETITION FINALIST(2022)**
- **AZ-900 AZURE FUNDAMENTALS**
- **INTRODUCTION TO DATA SCIENCE - UDEMY**