ABHISHEK KUMAR

(+91)9113468429 | kumarabhishek3149@gmail.com | [GitHub](#) | [LinkedIn](#).

EDUCATION

VIT University Bhopal   April 2021 – March 2025

Bachelor of Technology in CSE, CGPA – 8.17

Vidya Sanskar School   April 2019 - March 2020

Higher Secondary, CBSE – 78.6

ST. Karen 's High School   April 2017 - March 2018

Secondary, CBSE - 75.6%

TECHNICAL SKILLS

Programming Languages: C++, Python

Relevant Coursework: Machine Learning, Object Oriented Programming (OOPs), SQL, Operating System, DBMS

PROJECTS

Music Plugin using AI   (February 2025 – March 2025)

- Developed a smart music player capable of playing songs based on user input and mood using speech recognition.
- Integrated machine learning for personalized recommendations using song mood and genre features.
- Organized music into categorized folders and enabled voice commands like "play," "pause," "next song," "previous song," and volume control.
- Integrated Voice Assistant to enhance command recognition and user interaction, used a pretrained model, Wolfram Alpha, for the voice assistant

Diet and Exercise Recommendation System   (July 2024 – August 2024)

- Developed a dynamic health recommendation system that provides personalized meal plans and workout routines based on user inputs.
- Engineered a preprocessing pipeline that converts symptoms into binary vectors, enabling accurate prediction from 130+ possible symptoms.
- Utilized REST APIs (Spoonacular for diet, WGER for workouts) to fetch real-time data; processed and cleaned text data using BeautifulSoup for clear user output.
- Implemented a responsive Flask web app to display insights dynamically, highlighting the integration of external APIs and data processing in a user-centric system.

CERTIFICATIONS

- IBM Machine Learning (February 2025)

POSITIONS OF RESPONSIBILITY

- Core Member at AAHVAAN'23 Sports Fest

ACHIEVEMENTS AND EXTRACURRICULAR

- Runner-up of the Kabaddi Tournament 2022
- Participated in the Techo workshop AI series at IIT Patna 2023