

Hritik Mohanty

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Summary

Enthusiastic Computer Science Engineering student at Kalinga Institute of Industrial Technology with a strong foundation in machine learning, artificial intelligence, natural language processing, and Python programming. Proven aptitude for leveraging advanced technologies to solve complex problems and drive innovation. Passionate about exploring emerging trends in AI and ML while continuously expanding knowledge and skills to contribute effectively to the field

Education

Kalinga Institute of Industrial Technology

2021 to 2025

- **B.Tech**, Computer Science And Engineering
- CGPA: 7.12/10

Projects

Personal Chatbot |

Oct. '23

- Developed an AI chatbot named Jarvis using TensorFlow and NLTK libraries.
- Integrated voice recognition and synthesis capabilities for seamless interaction.
- Incorporated YouTube search and playback, alongside Google search, enriching the chatbot's capabilities for enhanced user assistance.
- Used Python, TensorFlow, NLTK and googletrans

Real Time Attendance System

Nov. '23

- Implemented face detection and recognition algorithms to identify individuals in live video streams.
- Utilized the face recognition library for encoding and comparing facial features to verify the identity of users.
- Used Python and OpenCV

Weather Application

Dec. '23

- Integrated reliable weather data APIs , including OpenWeatherMap API, for accurate forecasts.
- Used MySQL and Java

Sentiment Analysis Model |

Mar. '24

- Built a sentiment analysis model using Hugging Face's datasets and transformers, achieving a **78%** F1-score on the DAIR AI Emotion dataset.
- Leveraged DAIR AI Emotion dataset and DistilBERT pre-trained model.
- Implemented DistilBERT architecture, tokenizer, and training pipeline for NLP tasks.
- Used Pytorch And Transformers

Skills

Languages: Python , Java , JavaScript

Software: Visual Studio Code, Git, TensorFlow , NLTK, PyTorch