Nikit Singh Bisht
Email-id : **nikitsinghbisht@gmail.com**
Mobile No.: **9548322689**
GitHub: **https://github.com/nikitbisht**
LinkedIn: **https://linkedin.com/in/nikit-bisht/**

SUMMARY

Passionate and detail-oriented Computer Science student currently learning machine learning concepts and applications. Skilled in developing projects like Minesweeper Game, Spam Classifier, and Emotion Detection System using CNNs. Proficient in Python, C++, and JavaScript with hands-on experience in tools like Git and TensorFlow. Committed to continuous growth and solving real-world problems through innovative solutions.

ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Aug, 2022 - present	B.TECH in Computer Science	Graphic Era Hill University Dehradun	8.02/10
2022	State Board	S.D.Inter College	69.00 %
2020	C.B.S.E	Iris public school	67.00 %

PROJECTS

- **Minesweeper Game** :
  - Developed a fully functional Minesweeper game using HTML, CSS, and JavaScript.
  - Implemented adjustable difficulty levels (Easy, Medium, Hard) to cater to different skill levels.
  - Included a reset button for restarting the game and a flag function for marking potential mines.
  - Designed a clean and intuitive user interface for a seamless gaming experience.
  - Demonstrated strong problem-solving skills and proficiency in front-end web development.

- **Email-SMS-Spam Classifier** :
  - Developed an Email-SMS-Spam classifier using a dataset of 5K emails.
  - Conducted text preprocessing to clean and prepare the data for analysis.
  - Trained a Naive Bayes classifier to predict if an email or SMS is spam with 95% accuracy.
  - Built a simple user interface using Streamlit library for easy interaction.

- **YouTube Movie Trailer Sentimental Analyzer** :
  - Developed a web application to analyze sentiments in YouTube movie trailer comments.
  - Integrated with YouTube API to fetch video details, comments, likes, and views.
  - Implemented text preprocessing using natural language processing techniques.
  - Trained a sentiment analysis model using Naive Bayes classifier with a dataset of 25K movie reviews.
  - Achieved an accuracy of 85% in sentiment classification.
  - Designed a basic frontend using Streamlit library for user interaction.

- **Emotion Detection System using CNN** :
  - Developed an advanced system to detect emotions from facial expressions.
  - Classified emotions like Ahegao, Angry, Happy, Neutral, Sad, Surprise.
  - Implemented data augmentation techniques to enhance model accuracy and generalization.
  - Utilized Python, TensorFlow, and OpenCV libraries for deep learning and image processing.
  - Achieved high precision in emotion prediction with an optimized CNN architecture.

TECHNICAL SKILLS

- Languages: Python, C, C++, HTML, CSS, JavaScript, Java, Sql

- Tools: Git, GitHub, Eclipse, Visual Studio Code