

Kapil Bisht

Email-id: bishtkapil06@gmail.com

Mobile No.: 9675814416

GitHub: <https://github.com/Kapilbisht2004>

LinkedIn: <https://www.linkedin.com/in/kapil-bisht-72970b251/>

ACADEMIC DETAILS

| Year | Degree/Exam | Institute |
|----------------|--------------|--------------------------------------|
| 2022 - Present | B.TECH in CS | Graphic Era Hill University Dehradun |
| 12th (2022) | C.B.S.E | Kendriya Vidyalaya Ner |
| 10th (2020) | C.B.S.E | Kendriya Vidyalaya Ner |

PROJECTS

- **Text-to-speech and speech-to-text:**
(September, 2023 - November, 2023)
 - Description: Developed a text-to-speech and speech-to-text application (Python libraries) for basic voice interaction using pre-built APIs.
 - Technologies: Python, SpeechRecognition (for speech-to-text), pyttsx3 (for text-to-speech), Google Speech API
- **Spam Detection:**
(April, 2024 - May, 2024)
 - Description: Built a Support Vector Machine (SVM) classifier to detect and classify emails as spam or non-spam. Utilized natural language processing techniques for feature extraction and model training.
 - Technologies: Python, sci-kit-learn, NumPy, Pandas, Natural Language Toolkit (NLTK)
- **Brain Tumor Prediction :**
(November, 2024 - December, 2024)
 - Description: Developed a machine learning-based system for detecting brain tumors using medical images. The system leverages image preprocessing techniques and a trained model to predict the presence of a tumor with high accuracy, Trained a Logistic Regression model using sci-kit-learn for classification of tumor presence.
 - Technologies: Python, NumPy, Pandas, sci-kit-learn, OpenCV, Tkinter (for GUI), PIL, pickle, Jupyter Notebook

SKILLS

- **Languages:** C++ (proficient), C (proficient), **Java, HTML, CSS, Javascript**
- **IDEs :** Visual Studio Code, Codeblocks, IntelliJ IDEA.
- **Operating System:** Windows, Linux, macOS
- **Coursework:** Data Structures and Algorithms
- **Communication:** Ability to convey information clearly and effectively, both verbally and in writing.
- **Leadership:** Capacity to lead and motivate others towards achieving common goals.
- **Teamwork:** Capability to collaborate with others towards a shared objective.
- **Problem-solving:** Aptitude for identifying issues, evaluating options, and implementing effective solutions.

HONOURS AND REWARDS

- **Graphs camp by code forces Master**
 - I have been selected out of 80,000 students from India as a graph camp mentor by codeforces master and learned 17+ advanced problem-solving techniques in graphs. solved 3 super hard problems on the topic of shortest path and got featured in the hall of fame
 - 1000 students completed the graph camp and got the completion certificate
- **Google Cloud Computing Foundations :** (NPTEL 2023) is the online course offered by an IIT Kharagpur professor.