

**Rahul Karki**

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<https://github.com/Rahulkarki226>

#### ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Aug, 2021 - Present	B.TECH in Computer Science	Graphic Era Hill University Dehradun	8.75/10.00
2021	12 <sup>th</sup> , C.B.S.E	Gautam International sr. sec. school	91.00 %
2019	10 <sup>th</sup> , C.B.S.E	Gautam International sr. sec. school	91.50 %

#### PROJECTS

- **Chat With Your Data** (Sept, 2023 - Nov, 2023) : Developed an advanced Chatbot using Large language Model to ask query from a PDF Document. Used Retrieval-Augmented Generation(RAG) to enhance accuracy and reliability by fetching facts from external source.
- **Illness Classification of Cattles** (June, 2023 - July, 2023) : Classifying images of animals suffering from visually Observable diseases. Creating my own dataset and training VGG16 model with the help of transfer learning to achieve an accuracy of 89 %.
- **Botnet Fraud Detection** (Feb, 2023 - April, 2023) : Developed a Model to detect botnet (infected network) using UNSW\_NB15 dataset. Developed an hybrid Model of best performing algorithms to achieve an accuracy of 87 %.
- **Spam Email Classifier** (Dec, 2022 - Jan, 2023) : Developed an Model to detect spam emails which not only waste time but also contain malicious content and fraudulent scams. Used Naïve Bayes algorithm to achieve an accuracy of 97 %.
- **Tourism Website** (Sept, 2022 - Nov, 2022) : Developed a user-friendly website to make it easy for people learn about our services and book a trip to a holiday destination.

#### CERTIFICATES

- **Generative Adversarial Networks (GANs)** (Aug, 2023 - Jan, 2024)
- **Generative AI with Large Language Models** (Jun, 2023 - July, 2024)
- **Neural Network and Deep learning** (Mar, 2023 - April, 2024)
- **Machine Learning** (Dec, 2022 - Feb, 2023)

#### TECHNICAL SKILLS

- **Languages** C++ (proficient), C (proficient), **JAVA** (proficient), **Python** (proficient),**HTML**, **CSS**, **SQL**, **PHP**.
- **Tools** Langchain,Tensorflow, Keras, scikit-learn.