

ASHISH KUMAR

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Education

Dehradun Institute of Technology (Expected Graduation- June 2025)

Bachelor of Science in Computer Science

CGPA: 8.47/10

Dehradun, Uttarakhand

India International School (2020-2021)

Intermediate(Physics, Chemistry, Mathematics)

Percentage: 81.6%

Asansol, West Bengal

Delhi Public School (2018-2019)

High School

Percentage: 91.6%

Asansol, West Bengal

Relevant Coursework

- Data Structures
- Software Engineering
- Operating Systems
- Database Management System
- Artificial Intelligence
- Computer Networks
- Deep Learning
- Computer Architecture
- Machine Learning

Projects

MovieMatch | Python, Scikit-Learn, NumPy, Pandas, Streamlit

June 2024

- Designed a movie recommender model using Scikit-Learn library for recommending movies based on the content.
- Utilized the CountVectorizer layer for efficient preprocessing and tokenization.
- Developed a website using Streamlit to access the model and deployed the model on Streamlit Cloud.

Spam and SMS Classifier | Python, Scikit-Learn, NumPy, Pandas, Seaborn, Matplotlib, Streamlit

July 2024

- Designed a spam mail and SMS classifier model using Scikit-Learn for detecting spam messages from textual data.
- Utilized the TFIDF Vectorization layer for efficient preprocessing and tokenization.
- Performed hyperparameter tuning and achieved accuracy of over 97% in classifying the messages.
- Developed a website using Streamlit to access the model and deployed the model on Streamlit cloud.

Multilingual Invoice Extractor | Python, LangChain, Gemini API, Generative AI, Streamlit

August 2024

- Engineered a Generative AI Application using Streamlit, an open-source framework, for invoice analysis and data extraction.
- Utilized the Google Gemini Flash API to perform image analysis and output queries with almost 100% accuracy.
- Developed a website using Streamlit and deployed the application on Streamlit Cloud.

Technical Skills

Languages: Python, Java, C, R, MySQL

Developer Tools: VS Code, Eclipse, PyCharm, Google Colab, Git

Technologies/Frameworks: Scikit-Learn, TensorFlow, LangChain, HuggingFace, OpenCV

Areas of Interest: Machine Learning, Deep Learning, Natural Language Processing, Generative AI

Soft Skills: Ability to Learn, Analytical and Problem Solving, Adaptability, Communication

Certifications

- Introduction to Deep Learning and Neural Networks with Keras
- Machine Learning: Classification
- AI For Everyone
- Fundamentals of Network Communication
- Introduction to Software Engineering

Achievements

LeetCode: Solved over 450 problems and have strong understanding Data Structures and Algorithms.

Hobbies and Interests

- Travelling and exploring new places
- Playing sports such as Cricket and Football