

# RAJAT KUMAWAT

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## EDUCATION

**Indian Institute of Information Technology**  
B.Tech Computer Science and Engineering

Bhopal  
December 2021 - Present

### Relevant Coursework

- Object Oriented Programming
- Discrete Structures
- Advanced Engineering Maths
- Object Oriented Programming

## SKILLS

Programming Languages:	C, C++, Python
Platforms:	GitHub (with Github Actions), GitLab, Git
Database Management Systems:	MySQL , PostgreSQL, Mongo-DB
Web Development:	HTML, CSS (Bootstrap and Tailwind), JavaScript, Reactjs
Libraries / Frameworks:	Flask , Django, Pytorch, Tensorflow
Soft Skills:	Leadership, Communication Skills, Organised
Languages:	Japanese, English

## PROJECTS

### Chat with Your Files

August 2022

HuggingFace link for project [↗](#)

- Developed a chat interface with PDF documents using Python and the LangChain library integrated with OpenAI API.
- Utilized LangChain's document loaders, text splitter, embeddings, vector stores, and conversational retrieval chain to enable efficient retrieval and analysis of PDF content. Incorporated OpenAI as a language model for generating responses to user queries based on the chat history. *Skills Used: Python, langchain, gradio*

### Car Price Prediction System

May 2022 - June 2022

Github link for project [↗](#)

- Developed a machine learning model to predict the selling price of used cars based on various features.
- Performed data preprocessing, feature engineering, and exploratory data analysis using pandas and seaborn.
- Utilized the RandomForestRegressor algorithm and implemented hyperparameter tuning using RandomizedSearchCV.
- Achieved a high level of accuracy in predicting car prices, contributing to effective decision-making in the used car market. *Skills Used: Python, Pandas, NumPy, Seaborn, Scikit-learn*

## POSITION OF RESPONSIBILITY

### GNU/Linux Users Club

IIIT Bhopal

*Core Team Member*

August 2022 - Present

### Kratigence

IIIT Bhopal

*Core Team Member*

August 2022 - Present

## CERTIFICATES

**Advanced Learning Algorithms by Deeplearning.ai** (Certificate Link [↗](#) )

November 2022 - December 2022

**Supervised Machine Learning by Deeplearning.ai** (Certificate Link [↗](#) )

August 2022 - October 2022