

RUCHITA

Faridabad, Haryana

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Education

NIT Kurukshetra

Dec. 2021 – Present

Bachelor of Technology in Electrical Engineering

Modern Vidya Niketan

April 2020 – March 2021

Class XII (Non-Medical)

92.6

Skills

Language: Python, Data Structures and Algorithm, Object Oriented Programming

Libraries: OpenCV, BeautifulSoup, Flask

Machine Learning & AI : Pandas, Numpy, Matplotlib, Scikit-learn, Tensorflow, HuggingFace, Google Gemini, Langchain

Clouds & Databases: Firebase, MySQL

Soft-Skills: Communication, Teamwork, Presentation, Analytics

Projects

Travel Activity Planner | *Python, Gemini AI, HTML5, CSS3, JavaScript*

May 2024

- Managed the form interface for seamless input collection and developed a **personalized travel itinerary system** that generates plans based on destination, dates, and requirements.
- Successfully integrated **Google Gemini API** for precise, up-to-date travel information, significantly enhancing system efficiency and reliability.
- Link:** <https://github.com/Ruchita019/Travel-Activity-Planner>

SummarEase | *Python, Google Gemini, Streamlit, Langchain*

June 2024

- Developed "SummarEase," a **Streamlit-based website** that efficiently **summarizes YouTube videos, blogs, and PDFs** using **Google Gemini** for advanced text summarization.
- Implemented BeautifulSoup and LangChain for robust data extraction and language processing, ensuring accurate content analysis and concise summaries from various sources.
- Link:** <https://github.com/Ruchita019/SummarEase>

Price Prediction Model | *Scikit-Learn, Pandas, Flask, HTML*

March 2024

- Created a price predicting model focused on forecasting house prices in Bangalore, trained on **13k+ data points**, utilizing Linear Regression, Ridge Regression and Lasso Regression models to achieve a **0.82 accuracy rate**.
- Engineered features using Pandas, trained models with Scikit-learn, implemented backend using Flask, and designed interfaces with HTML
- Link:** <https://github.com/Ruchita019/PricePredictionModel>

Certifications

- Intro to Data Science(Udemy)** Provides an overview of the libraries like pandas, numpy, matplotlib and visualization tools like Tableau
- Learning Python for Data Analysis and Visualization(Udemy)** Learned various concept like Statistics, Exploratory Data Analysis, Data Visualisation and Machine Learning Algorithms

Achievement

- * Secured **All India Rank - 1331** in GATE 2024 Data Science and Artificial Intelligence
- * Qualified for **Regional round** among **150+ teams** in Smart India Hackathon.
- * Scholar Badge holder for **6 consecutive years**.

Volunteering Experience

- Member of '**Managing and Directive Club**' and contributed as part of **Event Management team and Content team** in organizing various events, including the college's cultural fest '**CONFLUENCE**'.
- Part of **LSD Dance Crew**, Represented our crew at various colleges (IISER Mohali, IIT Ropar, Shiv Nadar University) and performed at various events at college.