

Raman Kumar

Final-year CS Student

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Profiles

[in linkedin.com/in/ramankumar-1/](https://www.linkedin.com/in/ramankumar-1/)

github.com/ramankumar-1

Summary

Goal-driven IT enthusiast specialized in Data Analytics, Machine Learning and developing LLM applications. Multilingual coding ability with native proficiency in Python. Consistently acquiring new skills to keep myself updated. Adept in prompt engineering, spreadsheet and presentation tools to complement my technical proficiency.

Education

Vellore Institute of Technology, Chennai

August 2020 - June 2024

Computer Science & Engineering

B.Tech

CGPA 7.46

Ryan International School, Kandivali

April 2018 - July 2020

Science (PCM)

CBSE - 12th

82.8

Skills

Data Analytics

Python Libraries: Pandas, Matplotlib

Front-End Web Development

HTML, CSS, JavaScript, Streamlit library

LLM Application Development

Langchain (Framework)

Programming Languages

Python, Java, C/C++, SQL

Projects

Document based Chatbot

- Chatbot built with Langchain & Streamlit framework.
- Enables chatting with the context of uploaded documents using RAG (Retrieval-augmented Generation)

NPTEL Course Recommendation System

- Data scraped from the NPTEL website using BeautifulSoup library.
- Uses Content-based filtering for providing recommendations.
- Text description of NPTEL courses stored as TF-IDF vectors after preprocessing. Cosine similarity of the TF-IDF vectors used as similarity measure.

Certifications

IBM Artificial Intelligence Analyst

July 2023

NPTEL Data Science for Engineers

April 2023

Publications

Designing a Cryptocurrency from Scratch

Dec 2023

International Journal of Innovative Science and Research Technology

Languages

English, Hindi