

Raman Kumar

Systems Engineer at TCS

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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 professional specialized in Data Analytics, Web Scraping and Machine Learning. 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.

Experience

Tata Consultancy Services Limited

Systems Engineer

July 2024 - Present

Mumbai

Education

Vellore Institute of Technology, Chennai

Computer Science & Engineering
CGPA 7.65

August 2020 - May 2024

B.Tech

Skills

Data Analytics

Python Libraries: Pandas, Matplotlib

Front-End Web Development

ReactJS

LLM Application Development

Langchain (Framework), Streamlit (UI)

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