RAISUN LAKRA

Motilal Nehru National Institute Of Technology Allahabad Prayagraj

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SKILLS

LANGUAGES:
Proficient: C, C++, Python
Familiar: JAVA, JavaScript, HTML, CSS, SQL

DEVELOPER TOOLS:
VS Code Editor, Git, Linux

FRAMEWORKS & ENV.:
Django

CLOUD/DATABASE:
Postgresql

COURSEWORK

- Computer Science Fundamentals
- Data Structure and Algorithm
- Networking
- Web Development
- Database Management
- Operating Systems

INTERESTS

- Data Science and Machine Learning
- Software Engineering
- Full-Stack Software Development
- Cloud Computing and DevOps
- Artificial Intelligence and Automation
- Cybersecurity

HOBBIES

- Chess

EDUCATION

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD
MASTER OF COMPUTER APPLICATION

08 2022 – Present Prayagraj, India

- CPI: 7.26

ST. XAVIER'S COLLEGE, RANCHI
BACHELOR OF SCIENCE (HONS.) MATHEMATICS

2017 – 2021 Ranchi, Jharkhand

- CGPA: 6.85

LOWRENCE INTER COLLEGE, RANCHI (10+2)

2017 Rainchi, Jharkhand

- CGPA: 6.32

RAM TAHAL CHAUDHARY HIGH SCHOOL, BOOTY, RANCHI 10th

2014 Ranchi, Jharkhand

- CGPA: 8.0

PROJECTS

Movie-Recommendation |

Developed a movie recommendation system using collaborative and content-based filtering techniques to provide personalized recommendations.

- **Technologies & Tools: Python, Pandas, Numpy, scikit-learn, Natural Language Toolkit(nltk), TensorFlow/keras, Jupiter Notebook**
- **Content-Based Filtering:** Utilized movie metadata such as genre, keywords, cast, and crew to compute similarity between movies, allowing for recommendations based on content similarity.
- **Collaborative Filtering:** Implemented collaborative filtering using user interaction data (ratings or preferences) to identify patterns and recommend movies based on similar user profiles.
- **Hybrid Recommendation System:** Combined collaborative and content-based approaches to enhance recommendation accuracy, leveraging the strengths of both methods for a more comprehensive and personalized recommendation experience.

Parallel File Encryptor |

- **Language : c++**
- Designed a high-performance file encryption and decryption software that ensures data confidentiality through key-based mathematical operations.
  - **Parallel Processing:** Leveraged parallel programming techniques to significantly boost encryption speed and efficiency, making it ideal for handling large files.
  - **Security:** Implemented advanced encryption mechanisms to provide secure data protection against unauthorized access.