Dheeraj

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Experience

- **Coursera Certification**   05/12/2022 - 04/02/2023
  Introduction to Java
  - Learnt Java Threading concept as last phase of course.
  - Learnt Error Handeling, inheritance, OOPs concepts of java as staring phase of this course.

- **Infosys certification**   8/11/2023 - 8/02/2024
  Data Structures and Algorithm
  - Learnt advanced data structures like Hashing, priority queue, priority heaps as last phase of this course.
  - Learnt structures like Trees, Graphs, sorting algorithms(mergesort, quicksort, heapsort) as middle phase of this course.
  - Learnt linear data structures like linked lists Stacks, Queue as starting phase of this course.

Education

- **Universal Public School**   Passing year - 2021
  Secondary Enducaton 12th
  Grades - 87%

- **Dronacharya College of engineering**   Passing year - 2025
  B.Tech CSE (AI & ML)
  Grades - 70%

Skills

- JavaScript
- Java
- Python
- ReactJs
- C/C++
- DSA

Projects

Heart diseases predictor
- Developed an comprehensive Heart Diseases predictor, leveraging a dataset comprising over 300,000 records for thorough analysis.
- Conducted univariate and bivariate analysis to uncover relationships and patterns within data or to identify imbalance data points.
- Utilized IBM-Learn library to effectively manage imbalanced data challenges, insuring the reliability and accuracy of predictive model
- Designed and implemented streamlined ML pipelines for efficient preprocessing of both categorical and numerical data, optimizing model performance and scalability
- Used streamlit for production purpose

Movie Recommendation System
- Developed e simple Movie Recommendations System using content based approachpor personalizedr recommendation.
- Utilized Count Vectorizer to convert attributes like genre, cast, plot keywords into numerical representation.
- Applied KNN algorithm with cosine similarity to identify movies with similar attributes and provide accurate suggestions.
  - Designed a user friendly interface by using streamlit