



Prince Jain

Roll No.:B21CH025

B.Tech.

Chemical Engineering

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Github | GeeksforGeeks

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. (CH)	Indian Institute of Technology Jodhpur	8.57	2021-2025
Intermediate	RBSE Board	92.60%	2020
Matriculation	RBSE Board	90.17%	2018

PROJECTS

- Movie-Recommendation-System**   Jan. 2022 - April. 2022
Created a Movie Recommender System using ML techniques to provide personalized movie suggestions
 - Utilized a comprehensive dataset from Kaggle and conducted Exploratory Data Analysis to identify patterns.
 - Transformed textual data into numerical data and implemented cosine similarity for initial recommendations.
 - Improved accuracy with advanced collaborative filtering and addressed the problem using content-based filtering.
 - Developed frontend with Streamlit for personalized movie recommendations and deployed the system on Render.
- Email/SMS Spam Classification**   July. 2022 - Dec. 2022
Developed a robust Spam Classifier using Natural Language Processing techniques with deployment
 - Utilized the NLTK library for tokenization, stopword removal, and stemming to enhance the quality of text data
 - Implemented Count Vectorizer to transform processed text into numerical features and perform extensive testing
 - Developed an interactive, user-friendly interface with Streamlit for real-time spam prediction and successfully deployed the application on Render.
- Efficient URL Shortener**  July 2023 - Aug. 2023
Developed a URL shortening system in C++ with data structures.
 - Built a website capable of reducing URL lengths for user-friendly sharing.
 - Efficiently managed and redirected web links to their original destinations.
 - Ensured accurate redirection by implementing hash functions and data structures to minimize the risk of collisions.
- Visualizing the Amazon Prime: A Tableau Dashboard Project**   Oct 2023 - Nov. 2023
Developed an interactive Tableau dashboard for Amazon prime ratings analysis
 - Created an engaging Tableau dashboard for in-depth analysis of Amazon prime ratings
 - Enabled data-driven strategy on content and viewer engagement by analyzing top-rated genres and content types.
 - Utilized Tableau to transform raw data into compelling visual narratives, uncovering actionable insights.
 - Designed an intuitive interface with various Tableau features, allowing user to easily navigate and interpret complex data on content popularity and performance.

KEY COURSES TAKEN

- Probability Statistics and Stochastic process, Linear Algebra and Differential Equation, Introduction to Computer Science, Data Structure and Algorithms, Introduction to Machine Learning

TECHNICAL SKILLS

- Programming:** C, C++, Python
- Machine Learning:** Numpy, Pandas, Sklearn
- Web Development:** HTML, CSS, Javascript
- Softwares:** Ansys, MATLAB, Solidworks, Adobe Premiere Pro
- Tools & OS:** Git, Microsoft office, Latex, Tableau

ACHIEVEMENTS AND CERTIFICATES

- Secured Department Rank 2 upon completion of 6th semester
- Secured GATE Rank AIR 351 in the 3rd year itself
- Qualified in top 1% among 1 million JEE aspirants

POSITIONS OF RESPONSIBILITY

- Executive**, Chemical Department, IIT Jodhpur Sept. 2022 - Aug. 2023
- Hostel Cultural Secretary**, G-6 Hostel, IIT Jodhpur Sept. 2022 - Aug. 2023
- Core Member**, Indian Institute of Chemical Engineers Student Chapter IITJ Sept. 2023 - May. 2024
- Treasurer**, Indian Institute of Chemical Engineers Student Chapter IITJ June, 2024 - June, 2025

MOOC

- Data Analytics and Visualization**  Aug. 2023 - Sept. 2023