Email: lalit007lodhi@gmail.com   (+91) 9027423757

Lalit-Lodhi   **Lalit Kumar**   lalit_kumar_20

EDUCATION

Lucknow, India	**Institute of Engineering and Technology**	**SEPT 2020 – May 2024**
Bachelor of Technology	Electronics and Instrumentation	CGPA: 8.67

EXPERIENCE

- Had a opportunity to work with Microsoft on a real-world Project under its Mentorship through Microsoft Engage program. I learnt various type of algorithms how to implement these and Gain Industrial level experience how the big techs exactly work and about the working culture.
  And did a Machine Learning Project- **MOVIE RECOMMENDATION ENGINE**
- I have good knowledge in front-end ,back-end and Precisely familiar with **MERN (FULL STACK DEVELOPMENT)**
- Successfully did 10+ Projects on Web Development using various types of Technologies and tools.
- Experienced in problem solving skills on various coding platforms.

PROJECTS

MOVIE RECOMMENDATION ENGINE   **Project-link MAY-22**

- Recommendation Engine is a machine learning project which suggest the genres of movies according to your Taste by analyzing the previous content watched by the users.
- The model recommends a set of movies to user based on Machine Learning Techniques.
  ALGORITHM:- LATENT FACTOR MODEL FOR COLLABORATIVE FILTERING
  OPTIMIZATION:- TECHNIQUE:- STOCHASTIC GRADIENT DESCENT
- **TECH STACK:- PYTHON, its Libraries NUMPY, PANDAS, STREAMLIT (FOR FRONT END), JUPYTER-NOTEBOOK**

GLOBAL NEWS APPLICATION   **Project-link SEPT- 22**

- It is a website named Global-News. Primarily used for getting daily news.It shows the Headlines (with image, short Description, Author, publishing date and link for official article). It shows various categories's news.
  Ex-Entertainment, Science, Technology, Sport, Health, General News etc
- On clicking read more button user direct to its official article. It has features like- Navigation,Infinite Scroll, Spinner.
- **TECH STACK:- HTML, CSS, JAVA SCRIPT, REACT.JS, API-FETCHER.**

TEXT-ANALYZER   **Project-link DEC-21**

- Text-Analyser is a website in which By writing any text It has the features like- some buttons for converting the text In lowercase, uppercase, copy the whole text, Remove the whole text, remove the extra space between words, and Best part is we can count the number of characters and words in our whole text. Preview option, and shows average Time taken to read the entered text..
- **TECH STACK:- HTML, CSS, JAVA SCRIPT, REACT.JS.**

ACHIEVEMENTS

- Upcoming Summer Intern as Software Engineering Internship 23 at Microsoft through Microsoft Engage Mentorship Program 2022.   Interim_letter **AUG-22**
- Codeforces-max. Rating 1106
- Code-Chef- max. Rating 1739 (3*)
- Certified by Hacker-Rank Problem solving Intermediate.   Certificate **APRIL-22**
- Solved 1500+ **DATA STRUCTURE AND ALGORITHMS** Problems on various coding platforms Codeforces Code-Chef, Leetcode, GeeksForGeeks, Spoj

SKILLS

- **LANGUAGE:** C , C++, Python , HTML , CSS , Java-Script.
- **FRAMEWORK:** React.js , Node.js, Express,js , Flask.
- **DATABASE:** MongoDB , Mongo Compass.
- **TOOLS:** Git , Github , Vscode , C-Line , Jupyter Notebook.
- **COURSEWORK:** Data Structure and Algorithms , Object Oriented Programming System.