ADITYA RANJAN

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Skilled Software Developer with strong problem-solving abilities in data structures and algorithms. Proficient in HTML, CSS, JavaScript, Python, and data analytics, leveraging these skills to create efficient, high-performance solutions.

Education

College/School	Course	Starting-Ending Year	CGPA/Percentage
Galgotias University	B.Tech CSE(Data Science)	2021-2025	7.7 CGPA
Kendriya Vidyalaya No.1 AFS Pathankot	Class XIIth CBSE(AISSCE)	2019-2020	76.4%
Kendriya Vidyalaya No.1 AFS Pathankot	Class XIIth CBSE(AISSE)	2017-2018	74%

Coursework

Data Structures	Operating System	Computer Networks	DBMS

Experience/Training

EduSkills-Juniper Networks Cloud Virtual Internship   Jul 2022-Sep 2022

- Completed the Juniper Networks Cloud Virtual Internship, gaining hands-on experience with cloud-networking technologies.
- Collaborated on projects focused on configuring and managing virtualized network infrastructure.

Codules Pvt. Limited: Java Standard Edition(Training)   Oct-2023-Dec-2023

- Architected a robust desktop application for a Hotel Management System using Java Swing and Apache NetBeans IDE, resulting in a 40% reduction in manual booking errors and a 25% increase in operational efficiency demonstrating proficiency in Java Standard Edition (JSE).
- Implemented user-friendly graphical interfaces and functionalities, ensuring a seamless user experience for desktop applications.

Achievements

- Achieved 93.2 percentile in JEE-Mains 2021-NTA, ranking among the top performers out of 9.8 lakh students.
- Certified as a Data Analyst from Altair University, demonstrating proficiency in data analysis techniques.
- Captained the school Kabaddi team at the regional level, achieving a silver medal for outstanding leadership and athletic performance.
- Solved 150+Problems on LeetCode and 100+Problems on GeegforGeeks

Projects

TechTailor: Revolutionizing Personalized Computing Solutions - • Developed a Java Server Side application, enabling users to customize computer components like RAM and processors using MySQL, optimizing assembly flexibility.
- Enhanced TechTailor's platform by integrating MySQL databases, allowing users to personalize computer assembly services, aligning with consumer needs, and elevating user satisfaction.

Movie Recommendation System - • Developed an Intelligent Movie Recommendation System using machine learning algorithms to tailor movie suggestions based on user preferences and viewing history, optimizing task management and real-time updates.
- Analyzed movie metadata like genres, directors, and actors to recommend movies with similar characteristics to those enjoyed by the user, enhancing viewing satisfaction.

Chrome Ad-Blocker Extension- • Developed a Chrome Extension to dynamically block ads on web pages, using real-time content scripts to identify and remove elements as pages load.
- Created a user-friendly interface within the extension for managing ad-blocking preferences and whitelisting sites, improving browsing experience and usability.

Technical Skills

- Programming Languages: Python / Java (JSE) / HTMLv5 / CSSv3 / Javascript ES6/MySQL
- Frameworks / Libraries: Bootstrap/ jQuery / Matplotlib /Pandas
- Development Tools: VS Code Editor / Sublime Text / Anaconda Navigator / Eclipse IDE /Apache NetBeans /