RAJAT

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Education

Deenbandhu Chhotu Ram University of Science and Technology Murthal
- *Bachelor of Technology in Computer Science and Engineering Batch:2023-2027]*(CGPA: 8.05)

DAV Centenary public school
- *Completed 12th Grade with 93.6% Marks in 2023 and 10th grade with 95.6% Marks in 2021.*

Skills

Programming Languages: C++, C, JavaScript, TypeScript, Python, SQL
Core CS Concepts: Data Structures & Algorithms (C++), OOP, DBMS, Operating Systems
Web Technologies: HTML5, CSS3, Tailwind CSS, React.js, Redux
Backend: Node.js, Express.js, REST APIs, Socket.IO
Databases: MongoDB, MySQL
Developer Tools: Git, GitHub, VS Code, Postman
Soft Skills: Problem Solving, Team Collaboration, Time Management

Projects

ArtistConnect(AKRIT) 🔗 – Artist Booking Platform

Tech Stack: MERN (MongoDB, Express.js, React.js, Node.js)
- Developed a MERN-based platform connecting artists with clients for performance bookings
- Enabled artists to create profiles, showcase talent, and increase visibility
- Implemented client-side search and discovery features for easy artist booking

AI Website Generator 🔗

Tech Stack: React.js, OpenRouter API, HTML, CSS, JavaScript
- Created an AI-powered web application that generates complete websites from text prompts
- Integrated OpenRouter API to dynamically generate HTML, CSS, and JavaScript code
- Designed a responsive React-based frontend for prompt input and live output rendering

Movie Recommendation System 🔗

Tech Stack: Python, Pandas, NumPy, MERN stack
- Built a full-stack movie and TV show recommendation system based on content similarity
- Implemented recommendation logic using **Pandas and NumPy** for data processing
- Analyzed user preferences to suggest relevant content

Digital Footprint Time Capsule 🔗

Tech Stack: MERN Stack, TypeScript
- Developed a full-stack web application allowing users to store messages for their future selves
- Implemented **time-based access control**, enabling messages to unlock only after a specified date
- Used TypeScript to improve code safety and maintainability

Achievements
- Completed Full Stack Web Development Training from Internshala (React, MySQL, JavaScript, CSS, PHP)
- Solved **300+ Data Structures and Algorithms problems** on LeetCode using C++
  - Topics include Arrays, Dynamic Programming, Trees, Linked Lists, and Graphs