

Mani Dhiman

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ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
2027	B.TECH in Computer Science	Graphic Era University, Dehradun	9.27/10.0
2023	12 th , C.B.S.E	Kendriya Vidyalaya ONGC, Dehradun	88 %
2021	10 th , C.B.S.E	Kendriya Vidyalaya ONGC, Dehradun	97 %

PROJECTS

- **AI Powered Voice to Query Parking Management System** 
 - Created a voice query generator project to ease the struggle to find a parking spot
 - The system converts speech to text, processes queries in natural language, and executes database operations on Supabase.
- **AI-Powered Code Review System** 
 - Designing an AI-assisted code review system to analyze Java and Python code for performance issues, formatting errors, and security flaws using AI models like CodeBERT and basic static analysis.
 - Implementing a Java backend connected to a Python-based AI engine via REST APIs, aimed at delivering real-time suggestions and standardized code quality checks.
- **Personalised Music Recommendation System using Graph data structures** 
 - Developed a personalized music recommendation system using graph data structures, personalized mood, genre, favorite artist and playlist generator depending on above features.
 - Built Java-based backend APIs with Database integration and RESTful architecture to process user inputs and return smart playlist recommendations based on genre, tempo, and emotional tags.

TECHNICAL SKILLS

- **Programming:** C, C++, Python, mysql, JAVA, OOPS, Linux, Basic HTML
- **Soft Skills:** Teamwork, Problem Solving, Verbal and Written Communication
- **General Skills:** Data Structures and Algorithms, Database Management System, OOPS with C++, DBMS

POSITIONS OF RESPONSIBILITY

- **Event Organizer and Coordinator for Kavyanjali - College Cultural Fest Celebrating Hindi Diwas** (September, 2023) : Led the planning and execution of Kavyanjali, a college cultural event celebrating poetry and the arts. Successfully managed event logistics, coordinated with performers and volunteers, and promoted the event to achieve high attendance and positive feedback from participants. [Certificate](#)
- **Participated in Treasure Hunt Event** (March, 2024) : Engaged in a challenging and interactive treasure hunt, utilizing problem-solving skills, teamwork, and quick thinking to navigate complex clues and complete tasks under time constraints. [Certificate](#)

ACHIEVEMENTS

- Earned a Four-Star rating in C++ and C and Three-Star rating in Python on [HackerRank](https://leetcode.com), demonstrating strong problem-solving abilities and algorithmic expertise across multiple programming languages.
- Recently started solving problems on [LeetCode](https://leetcode.com), with 320+ questions completed so far. I am committed to improving my coding skills and plan to consistently work on more problems to enhance my proficiency and problem-solving abilities.