

Simran

Near Old Court, Singhana, Rajasthan (pin-333516)

🐙 GitHub | 📁 Portfolio | 🔗 LinkedIn | ✉️ simranbaj2000@gmail.com | ☎️ +91-9462004202 | LeetCode | CodeChef | Codeforces

EDUCATION

Malaviya National Institute of Technology

Bachelors of Technology in Computer Science and Engineering

Vishwa Bharti Sr Sec School Singhana

Senior Secondary (Class XII)

August 2023 - June 2027

CGPA: 9.44/10

Apr 2021 - June 2022

Percentage: 96.2

PROJECTS

ESports Tournament Management System

Database Project

GitHub Repo

- Developed a **full-stack** eSports tournament management system, streamlining player, schedule, result, and ranking management.
- Designed secure APIs for dynamic updates and deployed the application for live accessibility.
- **Technologies used** - Next.js, Javascript, Express.js, Node.js, Postgresql, Vercel

Clone Airbnb

GitHub Repo

- Developed a **web application** with user authentication (login/logout) and **authorization** controls, ensuring users could only manage their own listings and comments.
- Implemented functionality for authenticated users to **add, edit, and delete (CRUD Operation)** their hotel listings and comments, with integrated image uploading, storage, and display..
- **Technologies used** - Html, Css, EJSmate, Javascript, Express.js, Node.js, MongoDB Atlas, Render.

English Song Recommender App

GitHub Repo

- Built a **Streamlit-based recommendation system** that suggests songs based on lyrical similarity using both **TF-IDF** and **BERT embeddings**.
- Implemented lyrics preprocessing (tokenization, stopword removal), cosine similarity computation for TF-IDF, and semantic matching with Sentence Transformers.
- Enabled users to select number of recommendations, preview lyrics, and **export results to CSV or PDF** for offline use.
- **Technologies used** - Python, Streamlit, Pandas, NLTK, scikit-learn, Hugging Face, SentenceTransformers.

ACHIEVEMENTS

- **LeetCode**: Solved **800+** problems across Easy, Medium, and Hard categories.
- Achieved **1700+** rating in **LeetCode** weekly contests, ranking in top **11.55%**, secure **925** global rank in **Weekly Contest 450**.
- Attained a **1450+** rating in **CodeChef** weekly competitions and also receive global rank **525** in **Starters 188**.
- Earned a **1000+** rating in **Codeforces** weekly contests.
- Secured **5th** position in coding contest organised by C2C club MNIT JAIPUR.

TECHNICAL SKILLS

- **Languages**: C++, Python, HTML, CSS, JavaScript, SQL, postgresql
- **Developer Tools**: VS Code, Git, GitHub, LaTeX, Google Colab, MongoDB Compass, PostMan
- **Technologies/Frameworks**: GitHub, Next.js, React.js, Node.js, Express.js, MongoDB, Pandas, Flask, Numpy, Skit-learn, TensorFlow.
- **Relevant Courses**: Data Structures, Algorithm, Data Preprocessing, Machine Learning, Database Management System, Object-Oriented Programming, Computer Networks.

POSITIONS OF RESPONSIBILITY

Vice President of Science and technology society of Mnit Jaipur

April 2025 - Present

Led the organization of MNIT Jaipur's largest techno-management fest, Sphinx, and oversaw the operations of all technical clubs under the institute's umbrella.

Executive of CS Club Mnit Jaipur

August 2024 - June 2025

Organized various events, including hackathons, escape rooms, workshops, and contests, ensuring engaging and interactive experiences for participants.

Executive of Think India Mnit Jaipur

August 2024 - June 2025

Planned and executed fests, canopy setups, and various large-scale events with effective coordination and management.