

MEHUL BHATT

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🌐 [LinkedIn](#)

🐙 [Github](#)

🔗 [LeetCode](#)

📁 [Portfolio](#)

Education

Graphic Era Hill University

Bachelor of Technology in Computer Science - 8.55 CGPA

Oct. 2021 – Aug 2025

Dehradun, Uttarakhand

Children's Academy Dehradun

Senior High School (12th) - 96.33 %

Oct. 2020 – Aug 2021

Dehradun, Uttarakhand

Children's Academy Dehradun

Junior High School (10th) - 91.67 %

Oct. 2018 – Aug 2019

Dehradun, Uttarakhand

Relevant Coursework

- Data Structures
- Machine Learning
- Compiler Design
- Computer Networks
- Operating System
- Database Management
- Cyber Security

Projects

Chess Engine (Web Application) | OOPS, ReactJS, SocketIO, NodeJS

[Live Link](#)

- Built a chess engine from scratch with real-time gameplay, play with computer and game analysis features.
- Leveraged WebSockets for multi-user real time gameplay.
- Integrated heuristic search algorithms(mini-max, alpha-beta pruning, and quiescence search) for Chess AI and achieved elo rating of 1300. [Github](#)

StudyNotion (Web App) | ReactJS, MongoDB, Express, NodeJS, Cloudinary

[Live Link](#)

- Developed a fully Functional, Responsive Ed-Tech platform that enables users to create and review educational content with proper Authentication and Authorization.
- Instructors can create and edit courses. Students can enroll, access materials, and track their course progress.
- Secure payment processing with Razorpay, supporting various payment methods for course enrollments and services.
- A responsive dashboard for course management, student tracking, and income visualization. [Github](#)

Chord DHT (Java Application) | Java, Java Swing, Socket

- Implemented a distributed hash table using the Chord protocol for efficient and scalable key-value storage.
- Ensured reliability by handling node failures and data replication.
- Optimized system performance for high availability and load balancing in a distributed environment. [Github](#)

Movie Recommender System (AI powered Recommender System) | Python, NLP, Streamlit

- Developed a movie recommender system leveraging natural language processing (NLP) techniques, including text preprocessing, tokenization and the Bag of Words(BOW) algorithm to calculate similarity scores between movies and provide personalized recommendations.
- Utilized NLP libraries such as NLTK, along with numpy, pandas, scikit-learn, and pickle for data processing, manipulation, and modeling. [Github](#)

Technical Skills

Languages: C++ (proficient), C (proficient), Java, Python, Javascript, SQL.

Web Development: HTML5, CSS3, React.js, Node.js, SocketIO, Django, MongoDB, MySQL, RESTful APIs

Tools / Frameworks: Git, GitHub, Latex, Streamlit, Render, Vercel

Machine Learning Tools / Libraries: Scikit-Learn, Tensorflow, Pytorch, NLTK

Achievements

Solved **800+** coding questions on platforms like **LeetCode** and **GeeksforGeeks** and have won multiple university-level coding competitions.

Finalist of **Smart India Hackathon (SIH'23)**