Mohit Singh

Roll No.:U23CS139
B.Tech - Computer Science and Engineering
Sardar Vallabhbhai National Institute of Technology, Surat

+91-8000691025
singhmohit86935@gmail.com
Github | LinkedIn | GeeksForGeeks | Leetcode

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech - CSE	National Institute of Technology, Surat	8.26 (Current)	2024-Present
Higher Secondary	RBSE Board	94.60%	2022
Secondary	CBSE Board	94.17%	2020

PERSONAL PROJECTS

- **RentSmart**
  Tech:- MERN Stack(Node.js,Express,MongoDB,EJS)
  – Engineered an online platform that connects travelers with hosts offering unique accommodations around the world. Whether you're looking for a cozy apartment, a luxurious villa, or a rustic cabin, it makes easy to find and book one-of-a-kind stays.
  – With flexible booking options, user reviews, and secure transactions, provides a seamless experience for both guests and hosts, making travel more personalized and accessible.

- **Bank Management System**
  Tech:- C++,OPPs   View/Github
  – A simple console-based application written in C++ that simulates the basic operations of a bank. It allows users to create and manage bank accounts, make deposits and withdrawals, and view customer account information.
  – The data is stored persistently using file handling, ensuring that account information is retained between program executions.
  – The project is designed for learning purposes, showcasing the use of object-oriented programming concepts such as classes, file handling for data storage, and basic input/output operations in C++. It is a small-scale simulation suitable for educational use or further enhancement in a larger system.

- **Tic-Tac-Toe-Game**
  Tech:- HTML, CSS, Javascript   View/Github
  – A classic two-player game where each player takes turns marking a 3x3 grid with their symbol (X or O). The first player to align three of their symbols horizontally, vertically, or diagonally wins the game. This web-based version of Tic Tac Toe features a sleek and interactive user interface, making it easy and enjoyable for users to play.

- **Stone-Paper-Scissors-Game**
  Tech:- HTML, CSS, Javascript   View/Github
  – A classic hand game usually played between two people. The game has three possible moves: Stone, Paper, and Scissors. The rules are simple: Stone crushes Scissors, Scissors cut Paper, and Paper covers Stone. This version of the game is designed as a web application with an engaging user interface, making it easy and fun for users to play against a computer opponent.

- **Simon-Says-Game**
  Tech:- HTML, CSS, Javascript   View/Github
  – A classic memory game where players must repeat sequences of lights generated by the game. The sequences become progressively longer and more complex as the game advances. This web-based version of Simon Says offers an engaging and interactive experience, challenging users to test and improve their memory skills.

TECHNICAL SKILLS AND INTERESTS

–**Languages**: C/C++, HTML5, CSS, Javascript, Python
–**Libraries and Frameworks**: ReactJS, NodeJS, BootStrap, Github, Linux, C++ STL, Python Libraries
–**Databases**: MongoDB, Relational Database(SQL)

COURSES

–**Computer Science**: Data Structures, Design and Analysis of Algorithms, Database Management Systems, Object Oriented Programming, Web Programming And Python
–**Computer Engineering**: Computer Organization

POSITIONS OF RESPONSIBILITY

- **Co-Head, Events**, Mindbend, NIT Surat   *Nov 2024 - Present*
- **Junior Developer**, Google Developer Students Club, NIT Surat   *Nov. 2024 - Present*
- **Representative**, Nexus, Department of Computer Science and Engineering, NIT Surat   *Aug. 2024 - Present*
- **Executive**, Association for Computing Machinery, NIT Surat   *Aug. 2024 - Present*