SHIKHAR SAXENA

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Education

Vellore Institute of Technology, Vellore , Tamil Nadu , India	**2019 – 2023**
*Branch: Computer Science Core	CGPA:* **7.76/10** *(till 4th Sem)*	

Shiv Jyoti Convent School , Kota , Rajasthan, India	**2017 – 2019**
AISSCE (Class XII), Aggregate: **93.33%**	

The Aditya Birla Public School, India	**2015 – 2017**
AISSE (Class X), CGPA: **10/10**	

Skills

Proficient in C++ , Web Development , Problem Solving

Familiar with C++ | C | Java | Python | JavaScript | NodeJS | React | MongoDB | MySQL | Git |

Certifications

The Web Developer Bootcamp 2021 by Colt Steele (LINK)

- Covered **HTML,CSS,Javascript,ExpressJS,NodeJS,MongoDB**
- Prevent common security exploits like **SQL-Injection & XSS**
- Use **Postman** to monitor and test APIs

HackerRank Problem Solving (Intermediate) Certificate (LINK)

- It covers topics of **Data Structures (such as HashMaps, Stacks and Queues)**, Algorithms (such as **Optimal Solutions**) and techniques like **Greedy** and **Dynamic programming.**

Projects

Blog Application

- A user friendly application built using **MERN Stack**
- Includes **CRUD operations** and login and register pages

File Sharing App

A user friendly application to share files with people built using **NodeJS,ExpressJS and MongoDB**

- We can upload a file in NodeJS using **Multer package**
- Nodemailer is used to **send email** using free **SMTP** from our node server

React Chat Application

A user friendly chat application built using **Sockets, Rest APIs, React Hooks, Props**

- App shows online statuses, icons telling you who read the message, image support, sound notifications, the ability to create multiple rooms
- Backend hosted by ChatEngine

Weather App

Weather application with **React** using **Open Weather API**.

- Fetches all sorts of weather data from Open Weather Map website

Javascript AI TicTacToe Game

- Unbeatable computer vs human game which uses **AI MiniMax Algorithm**
- Frontend made using **HTML , CSS , Bootstrap**

Dictionary

- Made using **TRIE data structure** in **C++**
- Shows suggestions related to a word , has **insert , add , delete, search** opertion .