

SHIKHAR SAXENA

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Education

Vellore Institute of Technology, Vellore , Tamil Nadu , India <i>Branch: Computer Science Core</i>	2019 - 2023
Shiv Jyoti Convent School , Kota , Rajasthan, India <i>AISSE (Class XII), Aggregate: 93.33%</i>	2017 - 2019
D.A.V. Public School, India <i>AISSE (Class X), CGPA: 10/10</i>	2015 - 2016

Skills

Proficient in C++ , Web Development , Problem Solving

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

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

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** operation .

Volunteer Experience

IEEE-Computer Society | Core Committee Member

Nov'19 - Dec'20

Worked on projects and activities of various technical domains like Machine Learning , Competitive Programming etc .