Sehajpreet Kaur

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Education

Guru Tegh Bahadur Institute Of Technology, GGSIPU — **Sep. 2020 – July 2024**
*Bachelor of Technology in Computer Science; CGPA: **9.96*** — *New Delhi, Delhi*

New Era Public School — **Apr. 2017 – March 2020**
*X Boards, Percentage: **91.4%**; XII Boards, Percentage: **85%*** — *New Delhi, Delhi*

Relevant Coursework

- Data Structures
- Object Oriented Programming
- Database Management Systems
- C++ Programming
- Computer Architecture
- Discrete Mathematics

Experience

New Delhi Data Point Pvt. Ltd. — **Aug. 2021 - Sep. 2021**
Front End Developer Intern

- Worked as a team member to design, code, test, report and debug operations.
- Designed and developed components for Sikh Review Organization .
- Helped to achieve a consistent look and visual theme across the website.
- Fixed bugs from existing websites and implemented enhancements that significantly improved web functionality and speed.

Projects

Sudoku Solver 🔗 | *HTML, CSS, JavaScript, C++* — **December 2021**

- Built a Sudoku Solver based on the idea of Backtracking - a recursive algorithm.
- Implemented a method that obtains the candidate solutions that do not violate the constraints of the Sudoku game for any given cell.
- Also added a button to display a new Sudoku board every time.
- Used XMLHttpRequest (XHR) objects to interact with servers, i.e, suGoku API that returns a sudoku board.

Weather App 🔗 | *HTML, CSS, JavaScript, React, Chakra, Axios* — **November 2021**

- Created a website which allows the user to get current weather information about a city on demand.
- Used REACT to create the front end of website.
- Designed the card using Chakra UI.
- Implemented Responsiveness and Dark Mode.
- Used the OpenWeatherMap API to fetch the information in a structured and a documented way.

Technical Skills

Languages: C++, C, HTML/CSS, JavaScript.

Technologies/Frameworks: React, Node.js

Developer Tools: VS Code, Git, WSL

Extracurricular

Smart India Hackathon — **March 2022 - Continued**
Team Member — *Team OSSKAR*

- Participated in a nation wide hackathon organised by the Govt. of India in a team of 6.
- Got selected in intra-college qualification round and qualified for the finals.
- Created a working prototype of our solution approach to the given problem statement.
- Used React, JavaScript,PicoCSS,HTML/CSS for the creating of the prototype.
- Click here to view prototype.

Certifications

Modern JavaScript for ReactJS — **October 2021**
Udemy

HTML5- From Basics to Advanced Level — **October 2021**
Udemy

Basic Web Development with JS & ReactJS — **August 2021**
Google Developers Student Clubs, ShapeAI