

# Jainendra Pratap Singh

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## EDUCATION

**SRM Institute of Science and Technology**, Chennai, India

B.Tech - Computer Science and Engineering

2020 – 2024

**Score/CGPA: 9.52**

**New St. Stephens Public School**, Agra, India

2018 – 2019

Class XII (Senior Secondary Examination), CBSE

**Score/CGPA: 82%**

**Spring Fields College**, Moradabad, India

2016 – 2017

Class X (Higher Secondary Examination), ICSE

**Score/CGPA: 76%**

## PROJECTS

**YelpCamp:- A Camping Website**, Web - App Development **[Fullstack Development]**

Feb 2023 – Apr 2023

*Tech Stacks - EJS, Node.js, Express.js, MongoDB.*

- Developed and maintained a **user-friendly** website that offers detailed information on diverse camping sites, facilitating user interactions through **comment-based** sharing of experiences.
- It is a **CRUD** website with robust **Authorization** and **Authentication** functionalities, incorporating **Middleware** for secure **user login and signup** processes.
- Implemented **Image** upload functionality, allowing users to upload and showcase photos of camping sites, enhancing the visual appeal and providing a more immersive experience for visitors.

**Employee Management System**, Web - App Development **[Fullstack Development]**

Sep 2022 – Sep 2022

*Tech Stacks - ReactJS, Node.js, Express.js, MySQL.*

- Implemented a **MySQL** database schema to store and manage employee records, ensuring seamless **CRUD** (Create, Read, Update, Delete) operations for user management.
- Integrated a **Search** feature that enables users to efficiently locate specific employees based on various criteria such as name or designation, enhancing productivity and user experience within the system.
- Utilized **Node.js** and **Express.js** to build a robust backend **API** that communicates with the **MySQL database**, handling requests from the frontend and performing necessary **CRUD** operations on employee records.

**Sorting Visualiser**, Web - App Development **[Frontend Development]**

Aug 2021 – Sep 2021

*Tech Stacks - HTML, CSS & JavaScript*

- Web based visualization tool for sorting Algorithms like **Bubble Sort, Insertion Sort, Selection Sort, Merge Sort and Quick Sort** to have a better understanding of their working.
- Created a user-friendly interface that visualizes the sorting process, allowing users to interact with the application and gain a better understanding of sorting algorithms.
- The Website had an additional functionality of randomizing the array elements and **increasing or decreasing** the array size.

## Experience

**Research And Development Team Member** - Techwiz

2021–2023

- Techwiz is a college club which focus on many accpects of college education. I am part of technical domain.
- Delivered a seminar on the subject of Data Structures to a substantial audience of 250 students and facilitated a subsequent session to address any questions or clarifications, effectively promoting interactive learning and facilitating a deeper understanding of the topic.

SRMIST, Chennai

## SKILLS

**Programming Languages:** C, C++, JavaScript, TypeScript, Python

**Industry Knowledge:** Data Structures, Algorithms, OOPs with C++

**Frameworks:** React.js, Node.js, Express.js, MongoDB, Moongoose, MySQL, HTML + CSS,

**Familiar With:** Git, GitHub, Visual Studio Code, Sublime Text, Atom

**People Skills:** Teamwork, Communication, Team Leadership, Decision Making

## CERTIFICATION(S) / MOOCS / COURSES

- **THE COMPLETE 2023 WEB DEVELOPMENT BOOTCAMP** - Angela Yu, The App Brewery(Udemy).
- **DATA SCIENCE HACK'22** - Hackthon(SRM).

## A CHIEVEMENTS

**DATA SCIENCE HACK'22** - As part of the DATA SCIENCE HACK'22 hackathon, our team of five members collaborated on a project centered around cryptocurrency chart analysis, with a particular focus on creating a Chart View Project.

**Google Cloud Facilitator Program 2022** - Demonstrated proficiency in Google Cloud Platform through hands-on labs, workshops, and assessments.