

# MAHESH SINGH YADAV

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Computer Science and Engineering

Dr. Ambedkar Institute of Technology for Divyangjan

(Kanpur)

## EDUCATION

Degree/Certificate	Institute/Board	SGPA/Percentage	Year
Bachelor of Technology	Dr. A.I.T.D	7.7 (Current)	2021-2025
CBSE XII	Jawahar Navodaya Vidyalaya, Prayagraj, U.P.	76.0 %	2020
CBSE X	Jawahar Navodaya Vidyalaya, Prayagraj, U.P.	85.2 %	2018

## PROJECTS

- Algorithm Visualizer** *Source Code*  
*React-js* Jan, 2024
  - Features: – Algorithm Visualizer Development: Engineered a visualization tool to depict algorithms such as Bubble Sort, Quick Sort, and Merge Sort, etc.
  - Incorporated an integrated code editor for users to practice algorithms in different languages like C++, Java etc.
  - Key Technologies: React.js, Tailwind CSS, JavaScript
- WeatherCast: A Weather App Project** *Source Code*  
*JavaScript* April, 2023
  - WeatherCast is a dynamic weather application designed to provide users with accurate and up-to-date weather information. This project integrates HTML, CSS, and JavaScript to create an intuitive and visually appealing interface for users to interact with. Leveraging an API, WeatherCast fetches real-time weather data and presents it in an easily understandable format.
  - Key Features: Implemented responsive design, location-based forecasts, and customizable settings for user convenience.
- Dynamic News: JavaScript API News App** *Source Code*  
*JavaScript* October, 2023
  - This project, "Dynamic News," leverages JavaScript and API integration to deliver real-time news updates, accompanied by customizable filters for personalized content preferences. With a responsive design
  - Real-Time News Updates:** Utilized JavaScript and API integration to fetch and display real-time news articles.
  - Responsive Design:** Ensured seamless user experience across devices with a responsive design, optimizing accessibility and usability.
  - Search Functionality:** Implemented a robust search functionality allowing users to easily find specific news topics or articles within the app
  - Key Technologies:** HTML, CSS, JavaScript, API key..

## SKILLS/RELEVANT COURSEWORK

- Programming Skills:** C, C++, Reactjs, React, HTML, CSS, Python, JavaScript, SQL, Tailwind CSS,
- Data Structures and Algorithms, Object Oriented Programming, Operating System, DBMS, Computer Networks
- Visual Studio Code, Git/GitHub

## CERTIFICATIONS

- DATA STRUCTURE AND ALGORITHMS Certification, Great Learning Academy** *Certificate*  
*Skills- Proficiency in Data Structures, Software Development Foundations, Algorithmic Problem-Solving.* Sep, 2023
- SOFTWARE ENGINEERING JOB SIMULATION Certified by JPMorgan Chase and Co** *Certificate*  
*Skills- Git, GitHub, Problem-Solving Proficiency* Jan, 2024

## EXTRA-CURRICULAR ACTIVITIES

- School Hostel Captain, Class X: Demonstrated leadership as the School Hostel Captain, fostering a supportive environment for peers.
- Cluster Level Science Exhibition, Navodaya Vidyalaya Samiti: Exhibited scientific aptitude and teamwork skills by participating in a prestigious science exhibition..
- N.C.S.C Participation, Navodaya Vidyalaya Samiti: Contributed actively to the National Children's Science Congress, showcasing a passion for science and innovation. **Certificate**
- Fitness Activities Engagement: Demonstrated commitment to physical well-being by engaging in various fitness activities, promoting a healthy lifestyle..