

Sandeep Singh

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SKILLS

- **Languages:** C, C++, Java, JavaScript, Python, R
- **Frameworks:** ReactJs, CSS, HTML
- **Tools/Platforms:** Git, GitHub, MacOS
- **Soft Skills:** Problem-Solving, Project Management, Adaptability

PROJECTS

- Tweet Tone** | [React.js, Node.js, Express, Solana Blockchain](#) | [GitHub](#) March 2025
 - Developed a web application that analyzes the sentiment of Twitter users' tweets, providing an overall sentiment score based on posts.
 - Integrated the Gemini API to create an interactive chatbot that aligns its responses with the sentiment derived from analyzed tweets, enhancing user engagement.
 - Implemented Solana blockchain token creation, allowing users to generate unique tokens associated with randomly selected avatars, offering an interactive experience with blockchain technology.
- Sorting Visualizer** | [Data Structures and Algorithms, JavaScript, HTML, CSS](#) | [GitHub](#) July 2024
 - The visualizer allows users to adjust the speed and size of the data set to observe the sorting process at different levels.
 - Created color-coded bars to represent comparisons, swaps, and sorted sections for enhanced clarity.
 - Supports user interaction to choose specific algorithms and reset the visualization for repeated learning.
 - The system provides audible feedback via a buzzer and displays the approximate distance to the object, offering real-time alerts and measurements
- Burger House Website** | [HTML, Javascript, CSS, ScrollReveal](#) | [GitHub](#) November 2023
 - Designed smooth scroll animations using ScrollReveal, enhancing user engagement by providing a dynamic and visually appealing browsing experience.
 - A fully responsive layout using HTML5 and CSS3, ensuring seamless functionality across various devices, including desktops, tablets, and smartphones.

CERTIFICATES

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|---|---------------|
| • Cloud Computing NPTEL | November 2024 |
| • R Programming Coursera | April 2024 |
| • Design and Analysis of Algorithms Coursera | April 2024 |
| • Generative AI Coursera | March 2024 |
| • Excel Skills for Business Specialization Coursera | February 2024 |

ACHIEVEMENTS

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| • 250+ problems on LeetCode | April 2025 |
| • Volunteer with Humana people to people (NGO) in Gurugram | July 2023 |

EDUCATION

- | | |
|---|---|
| • Lovely Professional University
<i>Bachelor of Technology - Computer Science and Engineering; CGPA: 6.57</i> | Punjab, India
Since August 2022 |
| • Sony Academy Sr. Sc. Public School
<i>Intermediate; Percentage: 91%</i> | Kaali Bagheechi, Bharatpur
April 2020 - March 2021 |
| • Holy Mother Public School
<i>Matriculation; Percentage: 80%</i> | Jawahar Nagar, Bharatpur
April 2019- March 2020 |