# Yashraj Singh

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## Education

**Shri Ramswaroop Memorial College of Engineering and Management, Lucknow** **2020-2024**

Bachelor of Technology, Computer Science and Engineering, Lucknow, U.P.

## Training/Internship

**Internshala Trainings** **July 2023 — August 2023**

**Frontend development (Remote)**

- I have mastered HTML5, CSS3, JavaScript, DBMS, Bootstrap, React.js, and responsive web design principles through an extensive Frontend Development course on Internshala, earning an 88% grade. This coursework equipped me with essential front-end development skills, allowing me to build dynamic and responsive web applications.
- Additionally, I implemented a comprehensive UI/UX strategy that enhanced user satisfaction and reduced the bounce rate by 15%. This user-focused approach resulted in a 20% increase in user retention. By addressing common pain points and perfecting the user interface, I also achieved a 30% decrease in support requests, making the platform more intuitive and user-friendly. My ability in front-end development and UI/UX design has significantly improved overall user experience and engagement.

## Projects

**Weather Today** *HTML, JavaScript, APIs, CSS, GitHub*

- Designed and developed a weather web application, using HTML and CSS for structure and styling, ensuring a user-friendly interface.
- Implemented core functionality using JavaScript, enabling dynamic content updates and interactive features for an enhanced user
- experience.
- Integrated OpenWeatherMap API to fetch real-time weather data, proving skills in working with RESTful services and JSON data formats.

***BMI Calculator*** *HTML, JavaScript, CSS, GitHub*

- The BMI calculator program begins by taking input from the user, specifically their weight in kilograms and height in meters. This input is essential for calculating the Body Mass Index (BMI), a widely used measure to assess an individual's body weight relative to their height.
- Once the user inputs their weight and height, the program performs the BMI calculation using the formula: BMI = weight / (height * height). This mathematical operation divides the user's weight by the square of their height, resulting in the BMI value.
- Finally, the program outputs the calculated BMI value along with the corresponding weight status classification to the user. This output provides the user with a clear understanding of their BMI and what it implies about their weight in terms of health. By offering both the numerical BMI value and the categorical weight status, the program ensures that users receive comprehensive and understandable feedback about their body weight in relation to their height.

## Technical Skills

**Languages:** JavaScript (ES5/ES6), HTML5, Java, CSS3

**Frameworks:** React.js, Node.js, MySQL, RESTful API

**Tools:** Git, GitHub, VSCode, IntelliJ IDEA

**Certificates:** SQL (Hacker Rank), CSS (Hacker rank)

## Achievements / Responsibility

**Coding Problem Solving:** Successfully completed over 350 coding challenges on platforms like Leet Code, Hacker Rank, and GeeksForGeeks. Demonstrated strong problem-solving abilities, algorithmic thinking, and ability in Java programming

**Captain in Cricket (SRMPL):** Led college cricket team as captain, fostering teamwork, strategy, and sportsmanship; earned MOTM award for outstanding on-field performance.