

# RAHUL KUMAR

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## SUMMARY

I am an MCA graduate with a good grasp of data structures and full stack programming. I am eager to contribute to innovative projects and work well in team settings. I have strong communication skills and a problem-solving mindset. I am always ready to learn and adapt to new technologies.

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## SKILLS

**Languages:** Java, Python, HTML5, CSS3, JavaScript, TypeScript  
**Frameworks:** ExpressJS, NodeJS, ReactJS, Bootstrap, Spring Boot  
**Databases:** MySQL, NoSQL (MongoDB), PL/SQL, Oracle  
**Tools & OS:** Git, Visual studio code, Linux, Windows, Eclipses, Power Bi, Tableau  
**Data structure and Algorithms**

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## PROJECTS

### Calculator

Developed a user-friendly calculator with basic and scientific functions, featuring an intuitive interface and responsive design. Implemented using HTML, CSS, and JavaScript to perform real-time calculations and ensure cross-platform compatibility.

### Music Instrument

Developed an interactive drum instrument platform featuring a virtual drum set with high-quality sounds, educational tutorials, free play, and multiplayer modes. Utilized HTML, CSS, JavaScript, Web Audio API, Node.js, Express, and MongoDB to create an engaging and educational drumming experience.

### Portfolio website

Created a responsive personal portfolio site using HTML, CSS, JavaScript, and React for a dynamic user experience.

### Food Waste Management Web Application

Developed a web application to track food wastage, costs, quantities purchased, CO2 emissions, and donations. Integrated a Map API for seamless donation management and included features for personal inventory tracking, recipe search, and nutritional analysis of ingredients.

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## EDUCATION

Master of Computer Applications (MCA)	2023
Himalayan Garhwal University, Uttarakhand	
CGPA – 6.7	

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## CERTIFICATIONS

Full stack web development, Udemy	2024
Java-Tech onsite learning, Naresh IT Technologies, Hyderabad	2023
Oracle onsite learning, Naresh IT Technologies, Hyderabad	2023
Data analyst using Microsoft Excel, Coursera project network	2023

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## DECLARATION

The information stated above is true to the best of my knowledge and belief.