

# RAJ VERMA

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## SUMMARY

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Passionate software developer with proficiency in Java and C++, and certification in MERN Stack development. Committed to leveraging my programming skills and development expertise to foster innovation and deliver reliable solutions.

## EDUCATION

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**Madhav Institute of Technology and Science**

2021–2025

Bachelor of Technology in Mathematics and Computing

CGPA: 7.4

## TECHNICAL SKILLS

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- **Programming Languages:** Java, Python
- **Web Technologies:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, Tailwind CSS, Bootstrap
- **Databases:** MySQL, MongoDB
- **Developer Tools & Platforms:** Git, GitHub, Docker, Microsoft Visual Studio, PyCharm
- **Data Analytics & Visualization:** Power BI

## PROJECTS

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**WanderStay: Discover and Rent Tourist Accommodations.**

[\(Explore\)](#)

*Full-Stack Project*

- Developed a dynamic website using MongoDB, EJS, JavaScript, Express, Nodejs, and Bootstrap to showcase tourist places and rooms for rent per night.
- Implemented user authentication and session management, enabling users to securely create listings and visitors to review their experiences.
- Created RESTful API routes and utilized EJS templating for server-side rendering, enhancing the user interface and interaction between front-end and back-end.

**Chit Chat (Chatting Application).**

[\(Explore\)](#)

*Full-Stack Project*

- Developed a real-time chat application using React, Node.js, Socket.io, MongoDB, and Express for seamless user communication.
- Implemented responsive design with Styled Components, ensuring a consistent and attractive user experience across devices.
- Demonstrated advanced image analysis techniques to enhance accuracy and effectiveness in diverse recognition tasks.
- Integrated MongoDB for robust and scalable data storage, managing user information and chat history efficiently.

**Weather App**

[\(Explore\)](#)

*Frontend Project*

- Designed and developed a responsive weather application using React, Tailwind CSS, and JavaScript for dynamic UI rendering.
- Integrated real-time weather data from a public API to display current conditions, forecasts, and location-based information.
- Built an intuitive and clean user interface ensuring cross-device compatibility and seamless user experience.

## ACHIEVEMENTS AND CERTIFICATES

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- Participated in Google Cloud Study Jam ([Certificate](#))
- Completed Summer Enhancement Program 2024 on R Programming and its Applications ([Certificate](#))
- NPTEL : Completed the course of **Internet of Things** ([Certificate](#))
- NPTEL : Completed the course of **Ethical Hacking** ([Certificate](#))
- Participated in the workshop on "Building a Search engine" ([Certificate](#))