

Ritu Raj

Location: Bhopal, India

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Skills

- **Programming:** Java, JavaScript
- **Frontend:** HTML, CSS, JavaScript, ReactJS, Tailwind CSS
- **Backend:** Node.js, Express.js, REST APIs
- **Databases:** MongoDB, MySQL
- **Version Control:** Git, GitHub
- **Tools:** VS Code, IntelliJ IDEA, Postman

Education

Radharaman Engineering College, Bhopal

2021 - Present

B.Tech in Computer Science — CGPA: 7.50

12th Grade (BSEB Board)

2021

Grade -60%

10th Grade (BSEB Board)

2019

Grade -62.8%

Projects

E-commerce Website (ReactJS, Node.js, MySQL)

Developed a full-stack e-commerce website with user authentication, product listings, and a shopping cart. Integrated frontend and backend with RESTful APIs.

Technologies: ReactJS, Node.js, Express.js, MySQL

Personal Portfolio Website (React, Node.js, MongoDB)

Created a personal portfolio to showcase my skills and projects. The website is responsive and uses a clean design for a professional presentation.

Technologies: React, Node.js, MongoDB

Real-Time Chat Application (React.js, MongoDB, Express.js, Socket.io)

Developed a fully functional real-time chat application enabling users to communicate seamlessly with features like live message updates, typing indicators, and user authentication. The application leverages:

- **React.js:** Built a responsive frontend with real-time updates using state management.
- **MongoDB:** Designed a database for user information and chat history.
- **Express.js:** Created RESTful APIs to handle user authentication and messaging.
- **Socket.io:** Implemented real-time communication for instant messaging and typing notifications.

Achievements

- Solved **70+** problems on **GeeksforGeeks**, focusing on **DSA** using **Java**.
- Solved **60+** problems on **LeetCode**, specializing in algorithmic problem-solving with **Java**.

Certifications

- Full-Stack Web Development Certificate, Coding Thinker (2024)
- JavaScript Algorithms and Data Structures, FreeCodeCamp (2024)

Hobbies and Interests

- Coding and problem-solving
- Exploring new web technologies
- Playing chess and solving puzzles