Ritu Raj
Location: Bhopal, India

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Skills

– **Programming Languages**: Java, JavaScript

– **Frontend Development**: HTML, CSS, ReactJS, Tailwind CSS

– **Backend Development**: Node.js, Express.js, REST APIs

– **Databases**: MongoDB, MySQL

– **Version Control**: Git, GitHub

– **Tools and Utilities**: 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*
Achieved: **60%**
10th Grade (BSEB Board)   *2019*
Achieved: **62%**

Projects

E-commerce Website (ReactJS, Node.js, MySQL)
Designed and implemented a full-stack e-commerce platform with features like user authentication, product catalog, and shopping cart functionality. Integrated APIs for seamless frontend-backend communication.
Technologies: ReactJS, Node.js, Express.js, MongoDB

Personal Portfolio Website (React, Node.js, MongoDB)
Developed a responsive and visually appealing portfolio website to showcase skills, projects, and achievements. The design follows modern UI principles.
Technologies: React, Node.js, MongoDB

Real-Time Chat Application (React.js, MongoDB, Express.js, Socket.io)
Created a feature-rich real-time chat application supporting live message updates, typing notifications, and secure user authentication:

– **Frontend**: Responsive UI with React.js for real-time updates.

– **Database**: MongoDB to store user data and chat logs.

– **Backend**: RESTful APIs with Express.js for authentication and messaging.

– **Socket.io**: Enabled real-time communication between users.

Achievements

– Solved **150+** problems on **GeeksforGeeks**, focusing on Data Structures and Algorithms using Java.

– Solved **60+** problems on **LeetCode**, specializing in Java-based algorithmic challenges.

Certifications

– **Full-Stack Web Development** Certificate, Coding Thinker (*2024*)

– **JavaScript Algorithms and Data Structures**, FreeCodeCamp (*2024*)

Hobbies and Interests

– Enjoy solving coding problems and exploring efficient solutions.

– Passionate about learning and experimenting with new web technologies.

– Love playing chess and engaging in strategy-based puzzles.