

# Ritu Raj

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## EDUCATION

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**Malaviya National Institute of Technology (MNIT Jaipur)**

*Bachelor of Technology in Civil Engineering*

Jaipur, India

July 2019 – May 2023

## EXPERIENCE

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**Frontend Software Engineer**

*Deloitte USI*

September 2023 – Present

*Gurgaon*

- Developed and maintained high-performing web applications using JavaScript, React, Redux, MUI and Tailwind CSS, optimizing overall site performance and achieving 30% faster load time.
- Improved web accessibility for Deloitte's client applications, making them WCAG 2.1 compliant.
- Integrated RESTful APIs to fetch dynamic data, reducing API latency by 30%, which led to a 15% improvement in user engagement.
- Resolved 100+ UI bugs and improved test coverage by 40% using Jest.
- Collaborated with cross-functional teams, decreasing development cycles by 20% through effective Agile processes and pair programming.

## PROJECTS

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**PropertyPulse** | *Next.js, JavaScript, Tailwind CSS, Next-auth, MongoDB, Geocoding API* | [link](#)

- Developed a rental property discovery platform using Next.js, MongoDB, and Next-auth, enabling seamless property search and authentication.
- Integrated Mapbox for geolocation, Cloudinary for image storage, and React-share for social media sharing, enhancing user engagement.
- Implemented real-time messaging, notifications, and property bookmarking, improving the overall user experience.

**MovieflixGPT** | *JavaScript, React, Redux, Tailwind CSS, Firebase, TMDB API, Gemini OpenAI API* | [link](#)

- Built a Netflix clone using React and Redux for state management, allowing users to browse movies and search for recommendations based on mood using the Gemini OpenAI API.
- Implemented Firebase Authentication for secure login and real-time user interaction.
- Utilized Tailwind CSS for responsive and modern UI design and Deployed the project using Vite for faster builds and Netlify for hosting.

## TECHNICAL SKILLS

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**Frontend Technologies:** JavaScript (ES6+), Typescript, Next.js, React, Redux, Zustand, React-Query, HTML5, CSS3, Bootstrap, Tailwind CSS, MUI, SASS

**Backend Technologies:** Node.js, Express.js, MongoDB, Authentication, Socket.io

**Testing Frameworks:** Jest, Cypress

**APIs:** RESTful, GraphQL

**Tools & Version Control:** Git, GitHub, Bitbucket, Vite, Firebase Authentication, Jira

**Build Tools:** Webpack, Vite

**Collaboration:** Agile methodologies, Code reviews, Pair Programming

**Programming Languages:** C++, Python

**Others:** Data Structures, Algorithms, Problem-Solving, OOPs, OS, DBMS, System Design

## ACHIEVEMENTS

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- Qualified JEE Mains and stood in the top 2 percent of students amongst 1.2 Million candidates.
- Got Applause Award for outstanding performance in the team at Deloitte.
- Secured rank 1192 out of 20k participants in Leetcode Biweekly Contest 87.
- Secured Maximum Rating 1755 on Leetcode.