

Ritesh Kumar Mishra

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[LinkedIn](#) — [GitHub](#) — [Portfolio](#)

Summary

Full-Stack Developer experienced in building and deploying scalable web applications using MERN stack and Next.js. Skilled in frontend architecture, REST API integration, authentication systems, and performance optimization. Strong foundation in Data Structures and Database Management Systems.

Work Experience

CountryEdu Pvt Ltd	Jan 2026 – Present
Graduate Engineer Trainee (Frontend Developer)	
<ul style="list-style-type: none">Developed responsive UI using React.js, Next.js, Tailwind CSS, and Bootstrap.Integrated REST APIs and optimized frontend data handling, improving page responsiveness by 20%.Reduced unnecessary re-renders through improved state management.Collaborated with backend team and contributed to Node.js/Express.js feature development.	

Projects

AI Mock Interview Platform	Live
<ul style="list-style-type: none">Developed responsive frontend using Next.js and Tailwind CSS, building reusable UI components.Integrated REST APIs for interview workflow, authentication, and dynamic question rendering.Optimized layout structure and state handling to improve responsiveness and user experience	
QuickMeet: Real-Time Video Conferencing App	Live
<ul style="list-style-type: none">Developed WebRTC-based peer-to-peer video conferencing with Socket.io signaling.Implemented dynamic meeting rooms, screen sharing, and real-time media handling.Optimized signaling flow to maintain stable live connections.	
GupShupAI: AI Chat Application	
<ul style="list-style-type: none">Built scalable MERN-based chatbot integrated with Gemini API.Designed MongoDB schemas for multi-threaded conversations.Implemented protected REST APIs and dynamic chat interface with voice input.	

Technical Skills

Languages:	Java, Python, JavaScript
Frontend:	React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, TypeScript
Backend:	Node.js, Express.js, REST APIs
Database:	MongoDB, MySQL
Deployment:	Render, Vercel
Tools:	Git, GitHub, Basic DevOps
Core CS:	Data Structures, DBMS, OOPS

Education

B.Tech in Computer Science and Engineering	2022 – Present
SR Institute of Management and Technology	

Achievements

- Solved 250+ Data Structure and Algorithm problems on LeetCode.
- Participated in hackathons, collaborating in team-based rapid development environments.
- NPTEL Certified in Programming in Java and DBMS (IIT Kharagpur).