

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)

- 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](#)

- 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](#)

- 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

- 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).