

Rahul Singh

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Education

- **NIT Raipur:** B. Tech – Computer Science and Engineering; CPI: 6 (Till 6th Sem) 2022-2026
- **Saraswati Shishu Mandir School Ambikapur:** Class 12, CG Board, Percentage: 90.6 2020-2021
- **Saraswati Shishu Mandir School Ambikapur:** Class 10, CG Board, Percentage: 60.6 2018-2019

Work Experience

- **Summer Internship at Qveto Technologies** Hyderabad, India
SDE Intern ([Certificate](#)) Jun 2025 – Sept 2025
Developed a secure **news portal web** application with user **authentication (login/logout)** and role-based access, supporting **full CRUD operations** for news posts (**create, read, update, delete**). Implemented an optimized search feature with real-time autocomplete to enhance content discovery, while ensuring scalability, clean code practices, and a modular architecture for **long-term maintainability**.

Technical Skills

- **Programming Languages:** C++, JavaScript
- **Frontend:** HTML, CSS, Bootstrap, Tailwind CSS, React.js, Redux Toolkit
- **Backend & Server-Side:** Node.js, Express.js, Spring Boot, RESTful API development, JWT-based authentication
- **Tools & IDEs:** VS Code, Postman, npm
- **Database & Caching:** MySQL, MongoDB
- **Version Control:** Git, GitHub

Projects

- **Drawing Canvas – Full-Stack Real-Time Collaborative Drawing Canvas**

Tech Stack: HTML5 Canvas, JS, CSS3, Node.js, Express, Socket.io, npm, Render.com, WebSocket, JSON

Live Demo: [Link](#) | **Code:** [GitHub](#)

Developed a **real-time collaborative drawing canvas** with live multi-user synchronization.

Implemented **WebSocket** communication using **Socket** for instant **updates, cursor tracking, and global undo/redo** operations.

Built custom Canvas drawing tools with **brush, eraser, color selection**, and **multi-room support** using pure JavaScript.

Deployed the full-stack application on **Render.com** with efficient state management.

- **AI Chatbot – Full-Stack AI Chatbot Web App**

Tech Stack: Next.js, React, Vercel, OpenAI API, Gemini AI.

Live Demo: [Link](#) | **Code:** [GitHub](#)

Built full-stack AI chatbot using **Next.js, OpenAI, and Gemini APIs**

Implemented **multi-model AI support** and **real-time streaming** for interactive, ChatGPT-style conversations.

Deployed responsive application on Vercel.

Coding Profiles and Stats

Solved **100+** questions on LeetCode.

Leetcode: <https://leetcode.com/u/Rahul9691/>